

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

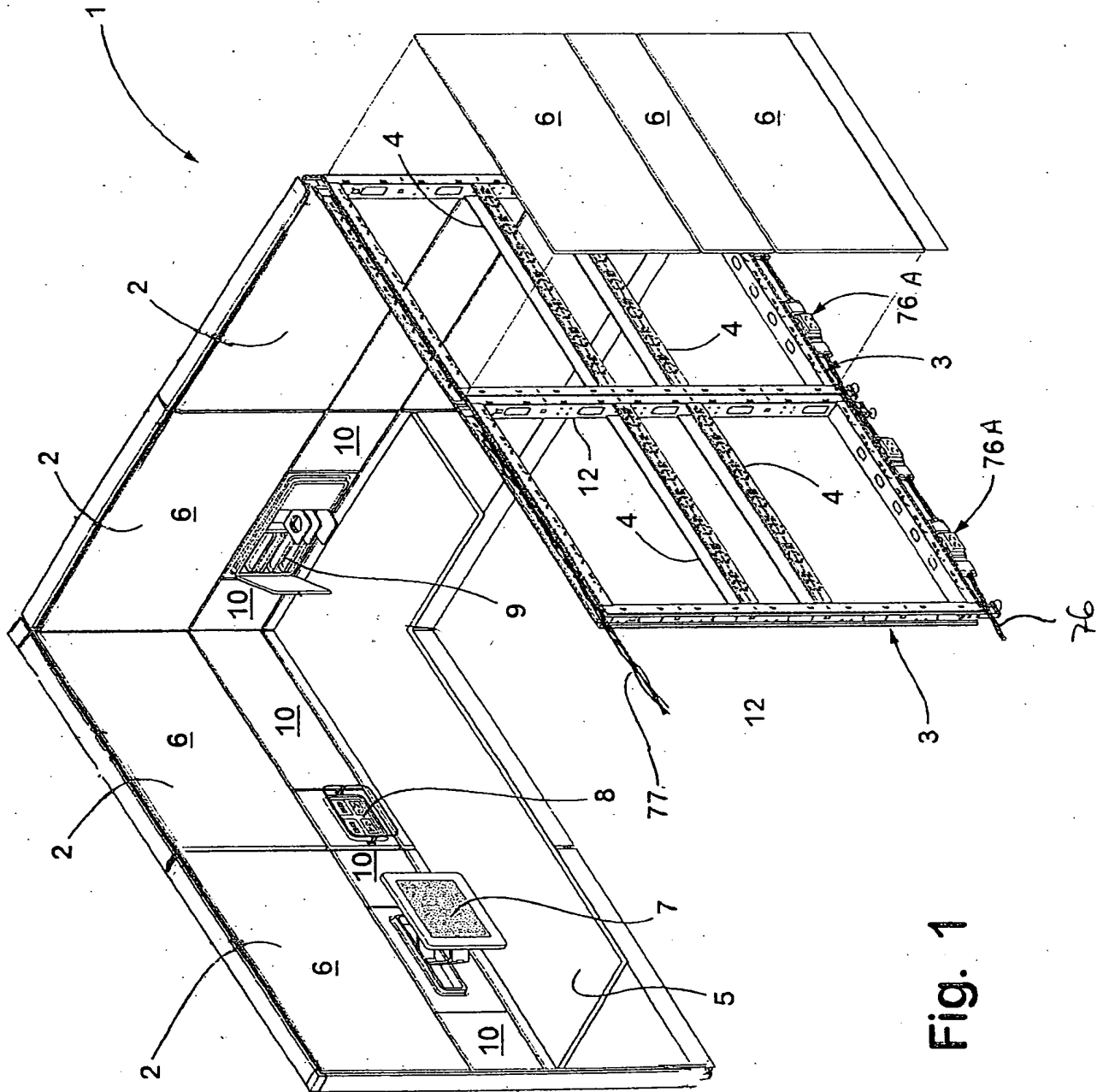


Fig. 1

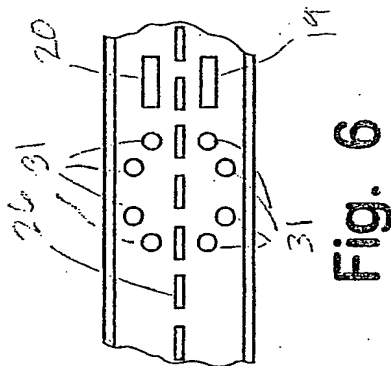
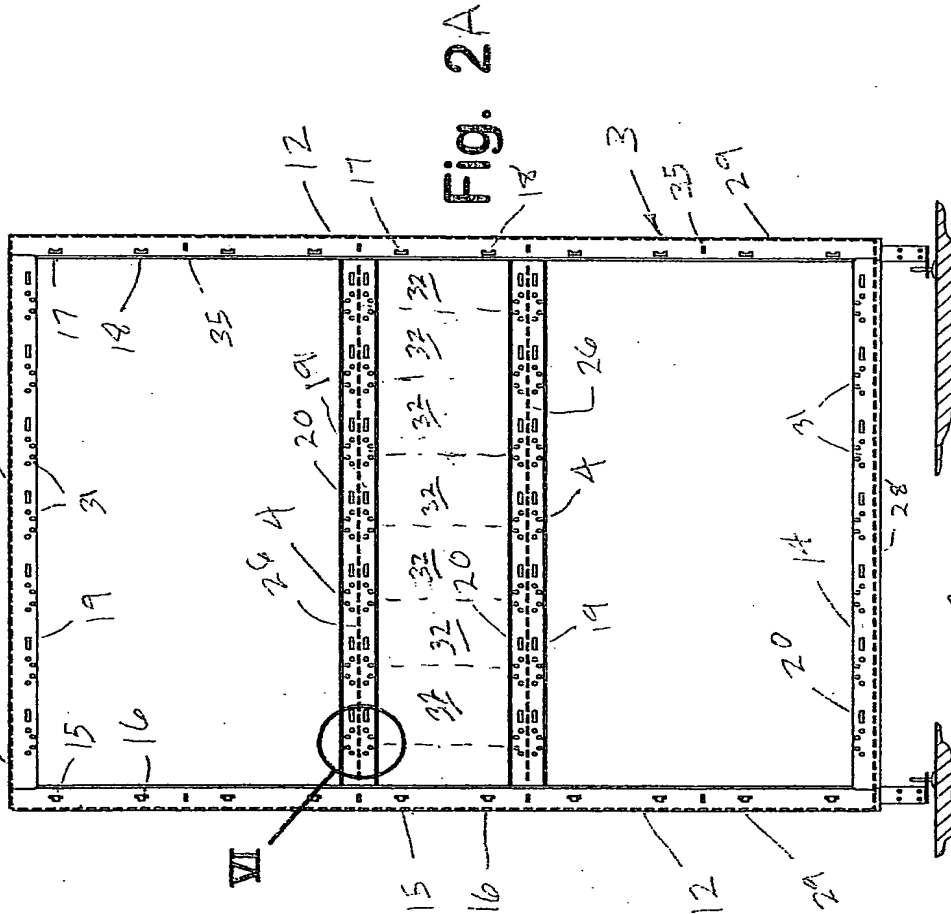
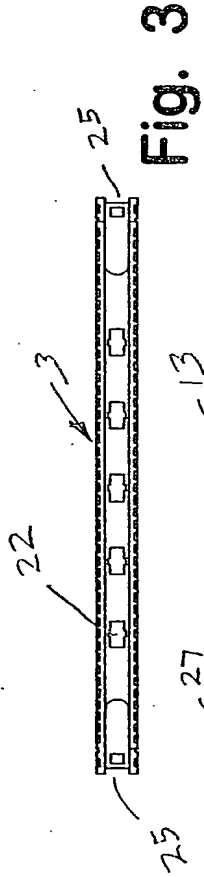


Fig. 5

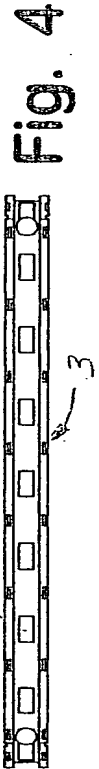




Fig. 7

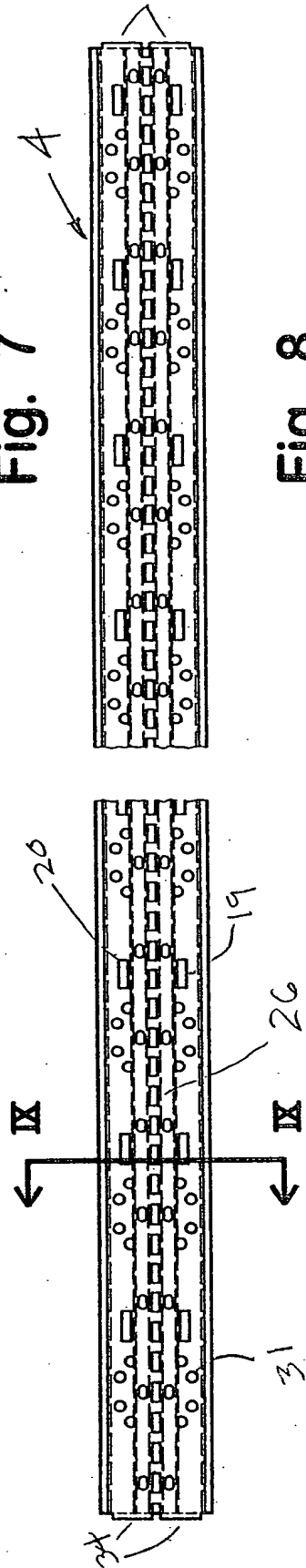


Fig. 8

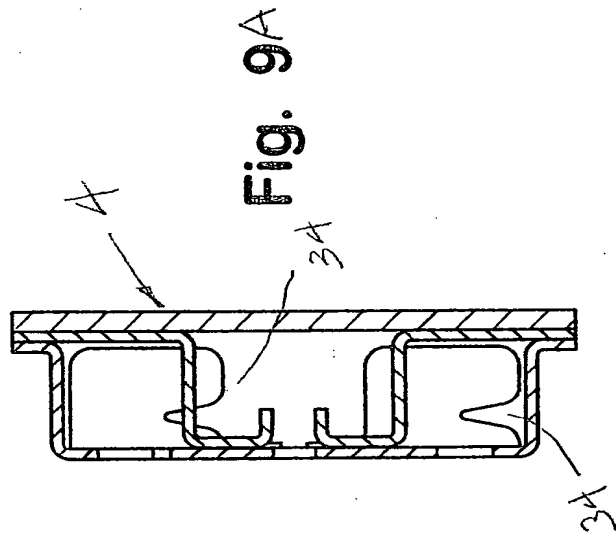
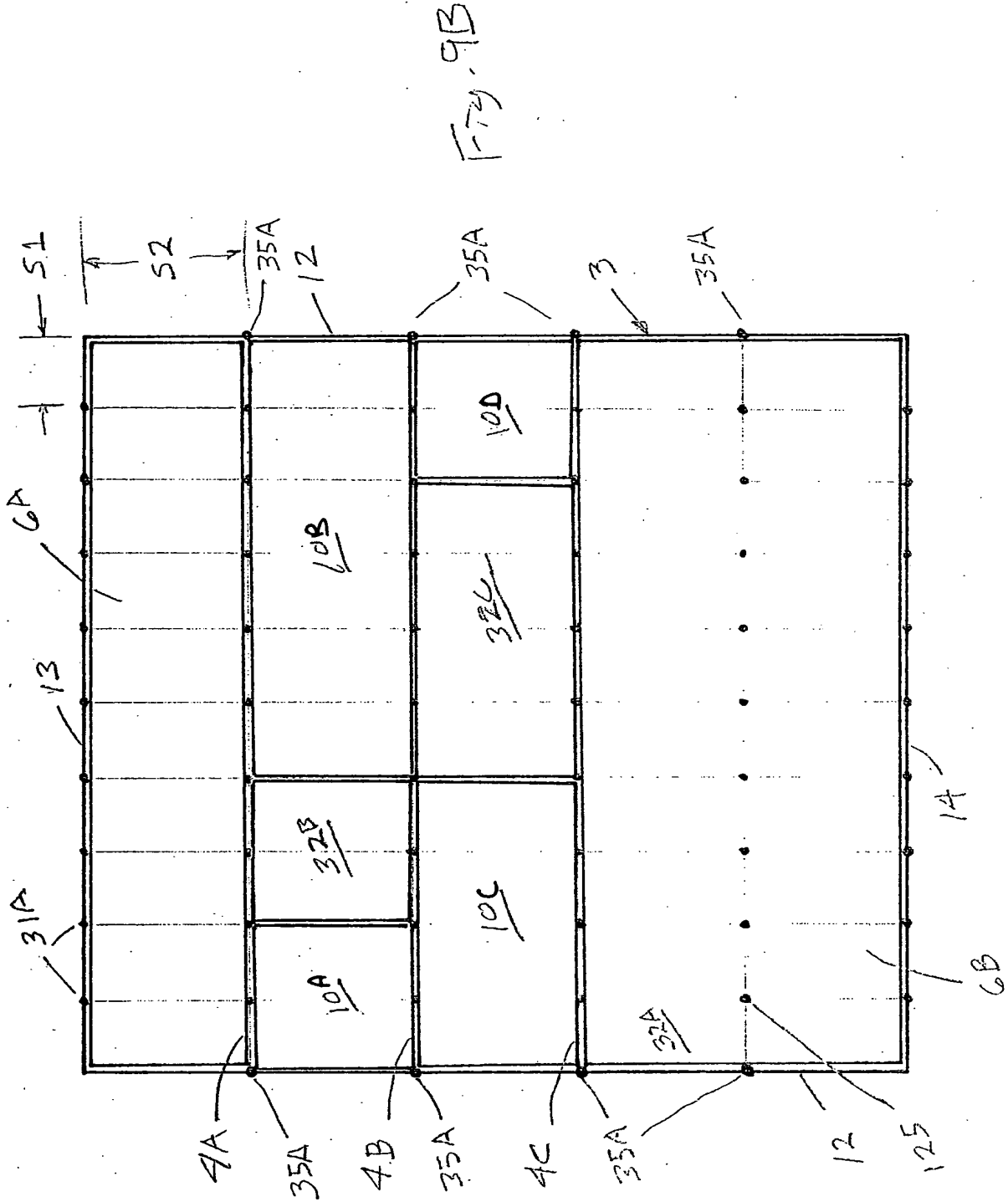


Fig. 9A



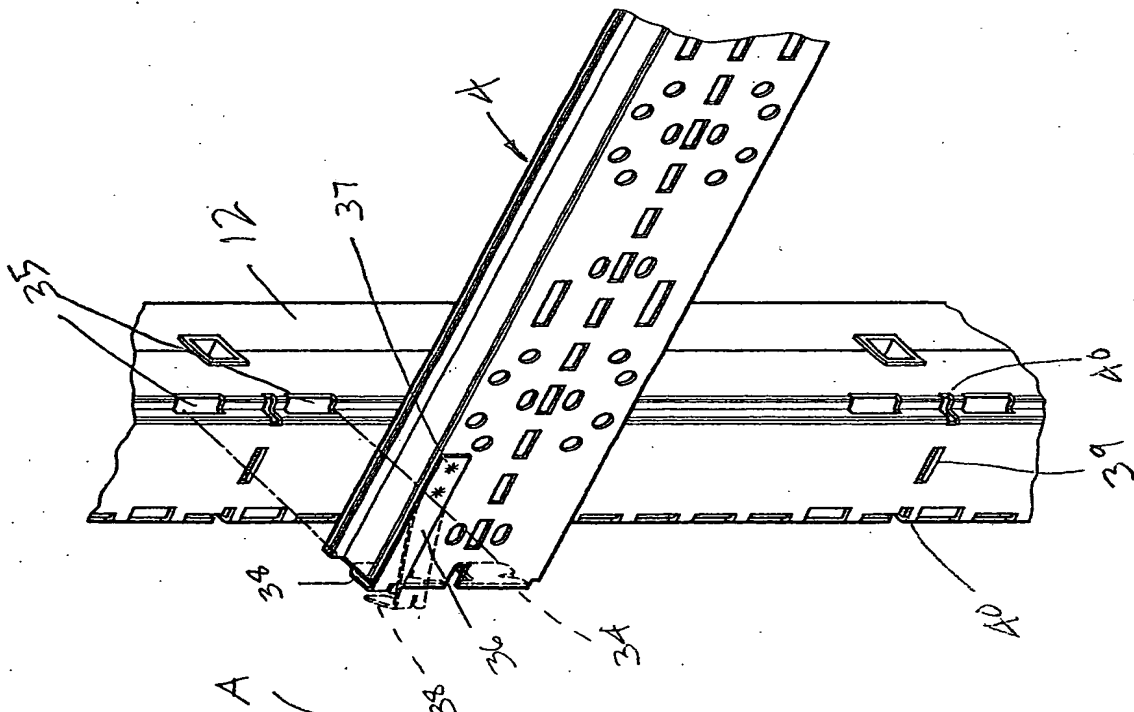


Fig. 10

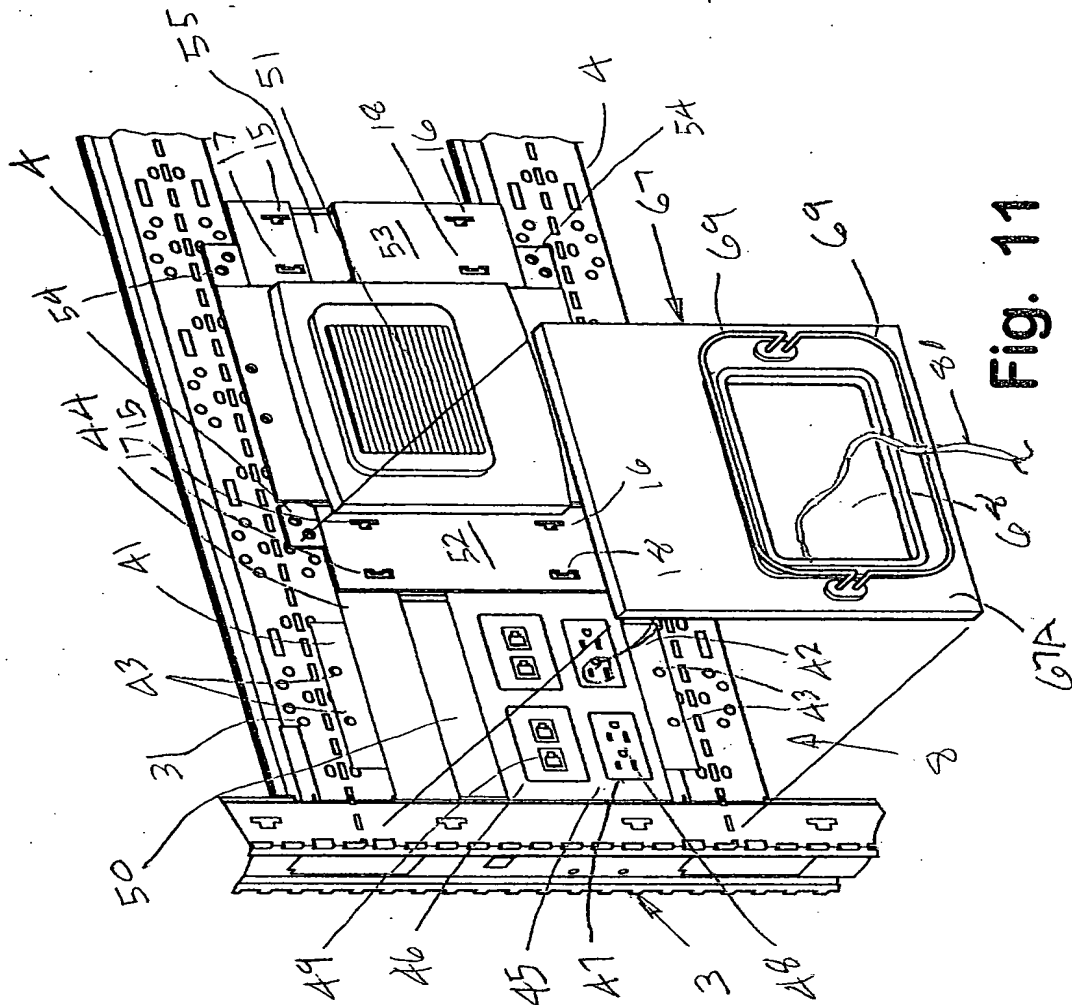


Fig. 11

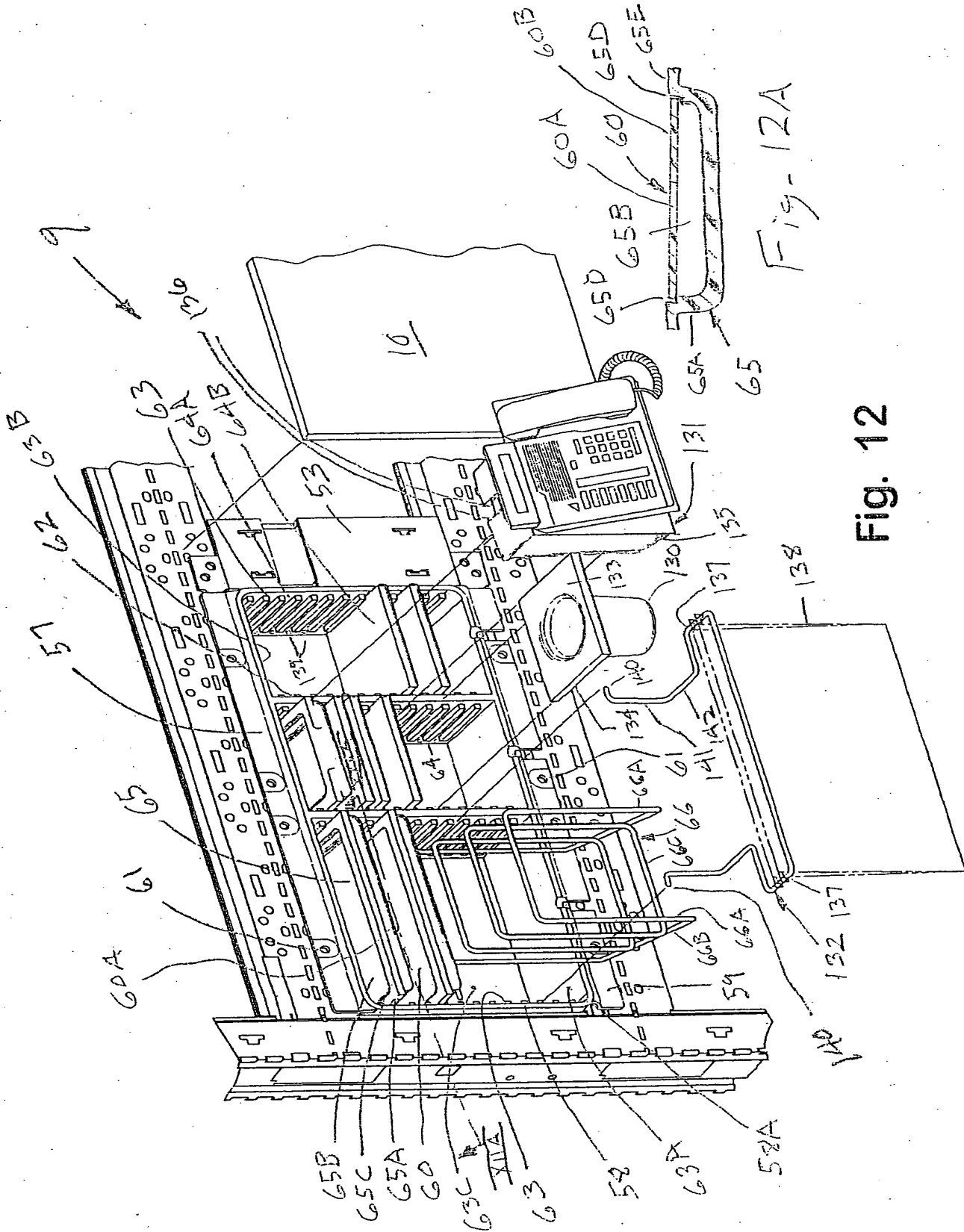


Fig. 12

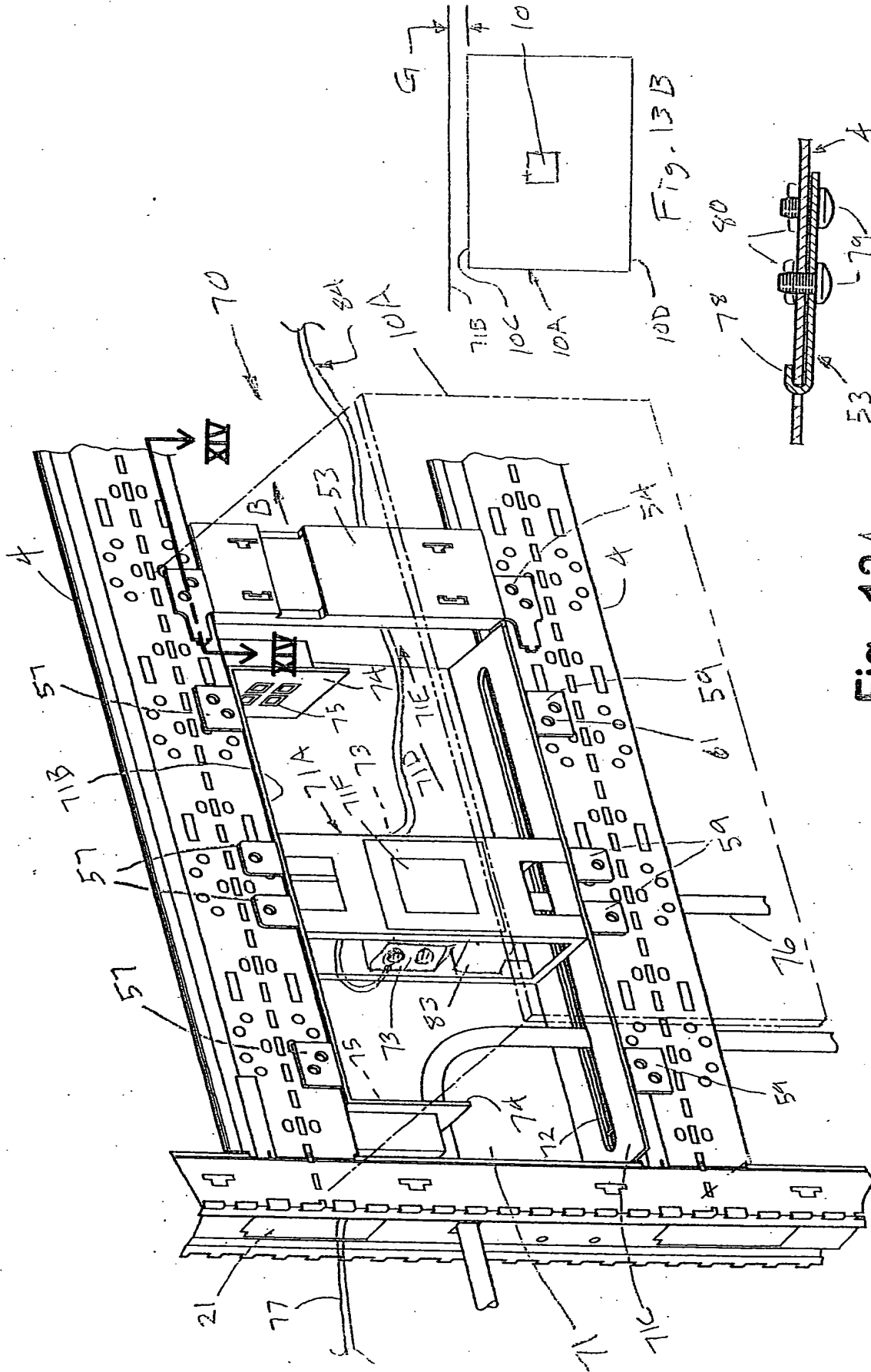


Fig. 13A

Fig. 13B

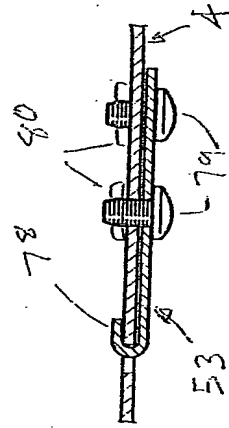


Fig. 14



Author	Year	Country	Sample Size	Study Design	Findings
Smith et al.	2015	USA	1,200	Longitudinal	Increased risk of depression in children of parents with mental illness.
Johnson et al.	2016	UK	800	Cross-sectional	Higher levels of anxiety in children of parents with anxiety disorders.
Chen et al.	2017	China	1,500	Family study	Genetic factors play a significant role in the transmission of mental illness.
Miller et al.	2018	Canada	900	Case-control	Increased risk of substance use in children of parents with substance use disorders.
Lee et al.	2019	South Korea	1,100	Longitudinal	Early intervention can significantly reduce the risk of mental illness in children.
Wong et al.	2020	Australia	1,300	Cohort study	Parental mental health status is a strong predictor of child mental health outcomes.
Patel et al.	2021	India	1,400	Family study	Genetic factors are highly influential in the development of mental illness.
Nguyen et al.	2022	Vietnam	1,600	Longitudinal	Increased risk of depression in children of parents with depression.
Kim et al.	2023	South Korea	1,700	Cross-sectional	Higher levels of anxiety in children of parents with anxiety disorders.
Alvarez et al.	2024	Spain	1,800	Family study	Genetic factors play a significant role in the transmission of mental illness.
Chen et al.	2025	China	1,900	Longitudinal	Early intervention can significantly reduce the risk of mental illness in children.

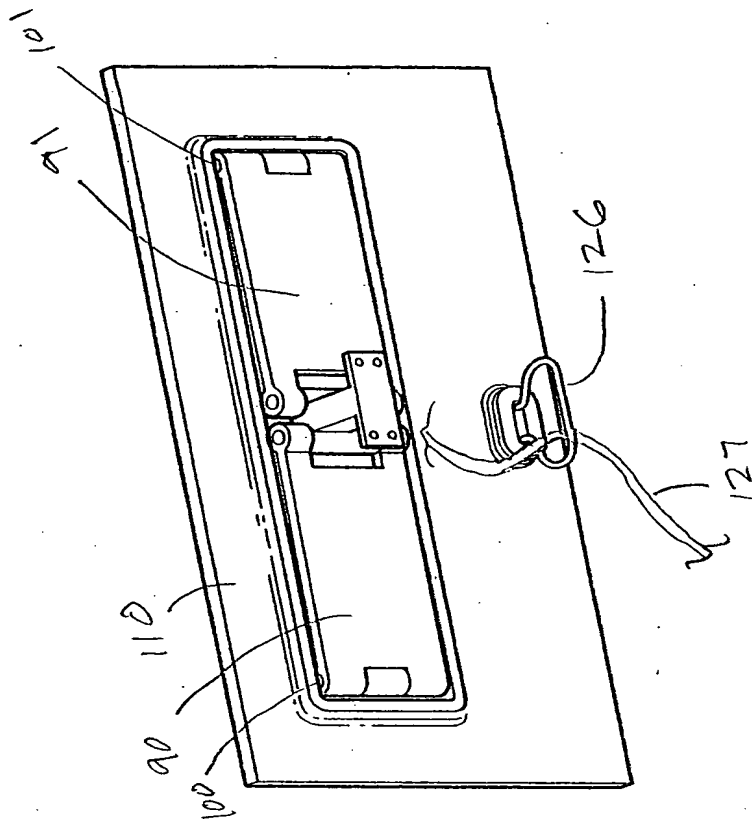


Fig. 16

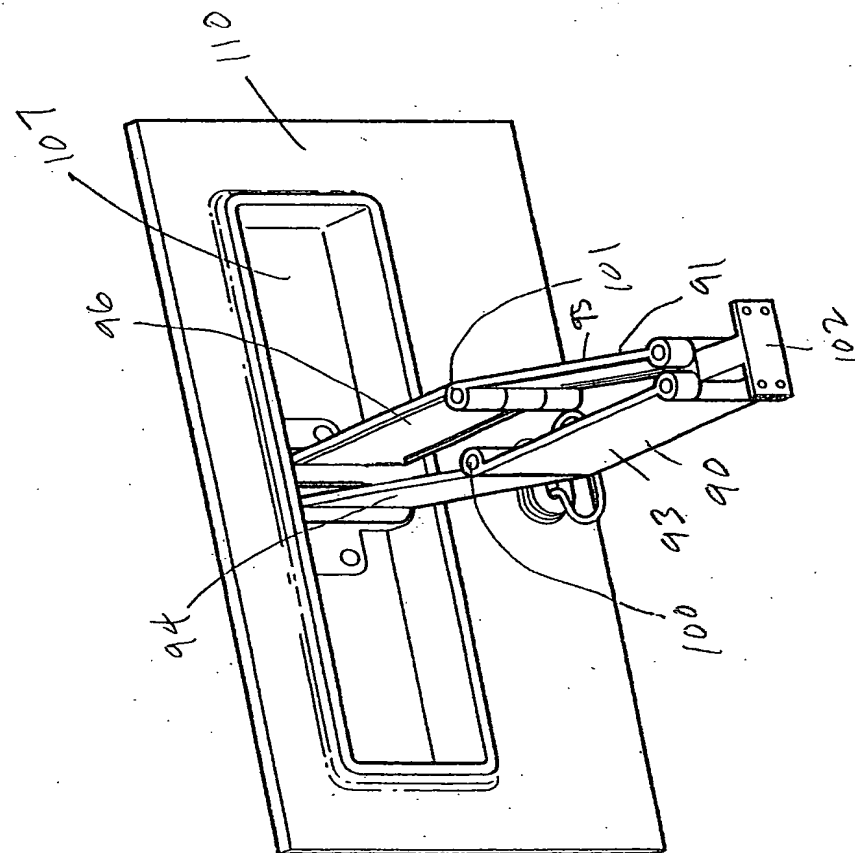
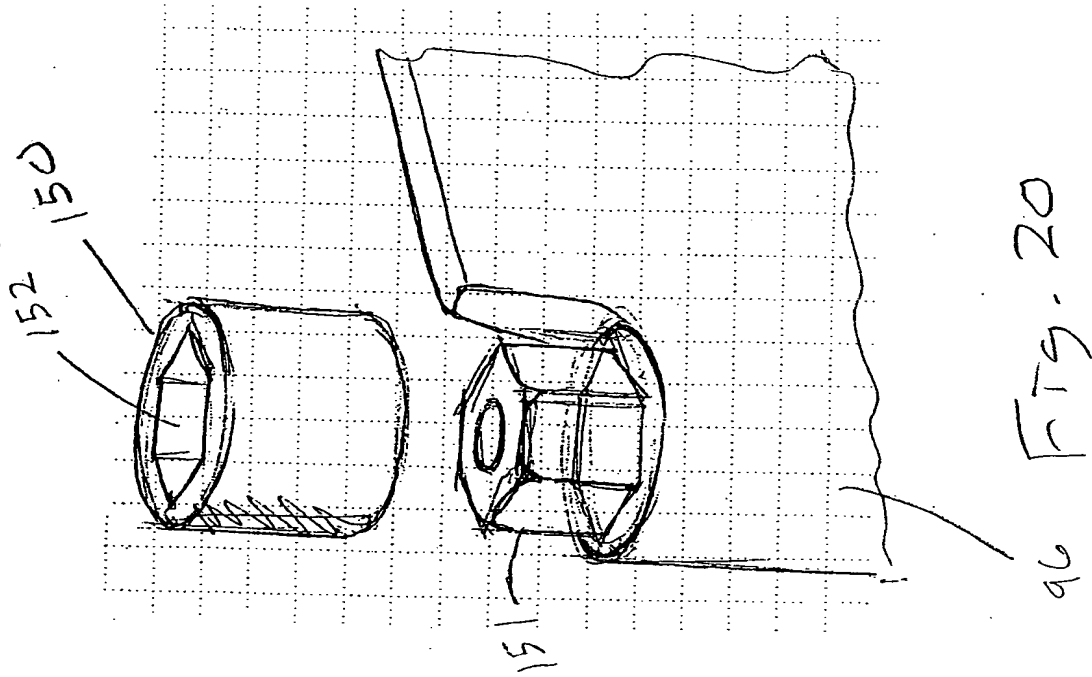
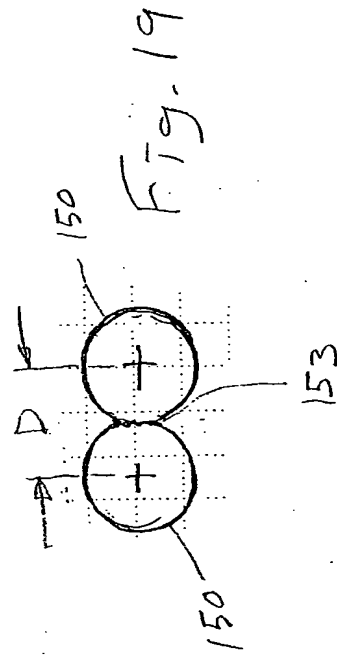
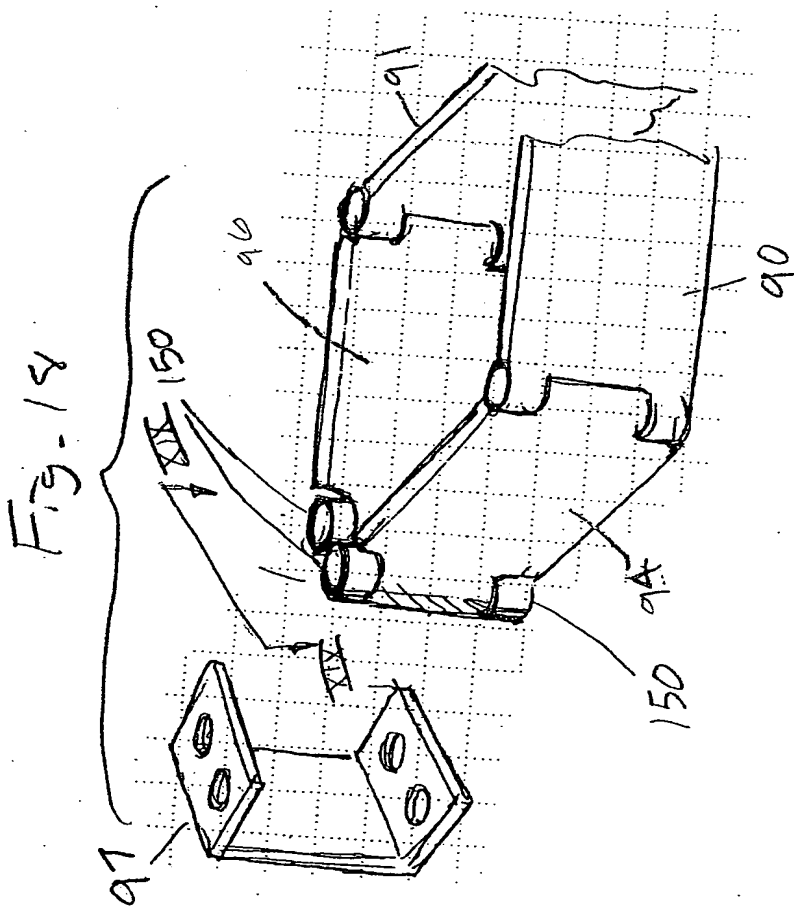
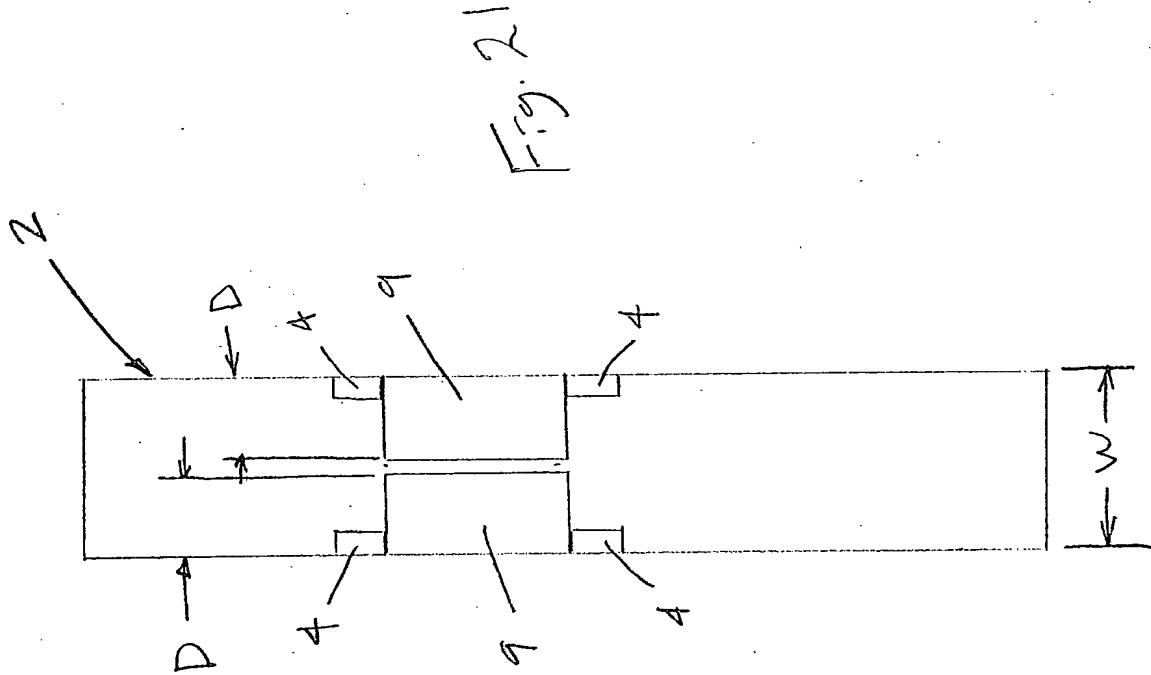


Fig. 17





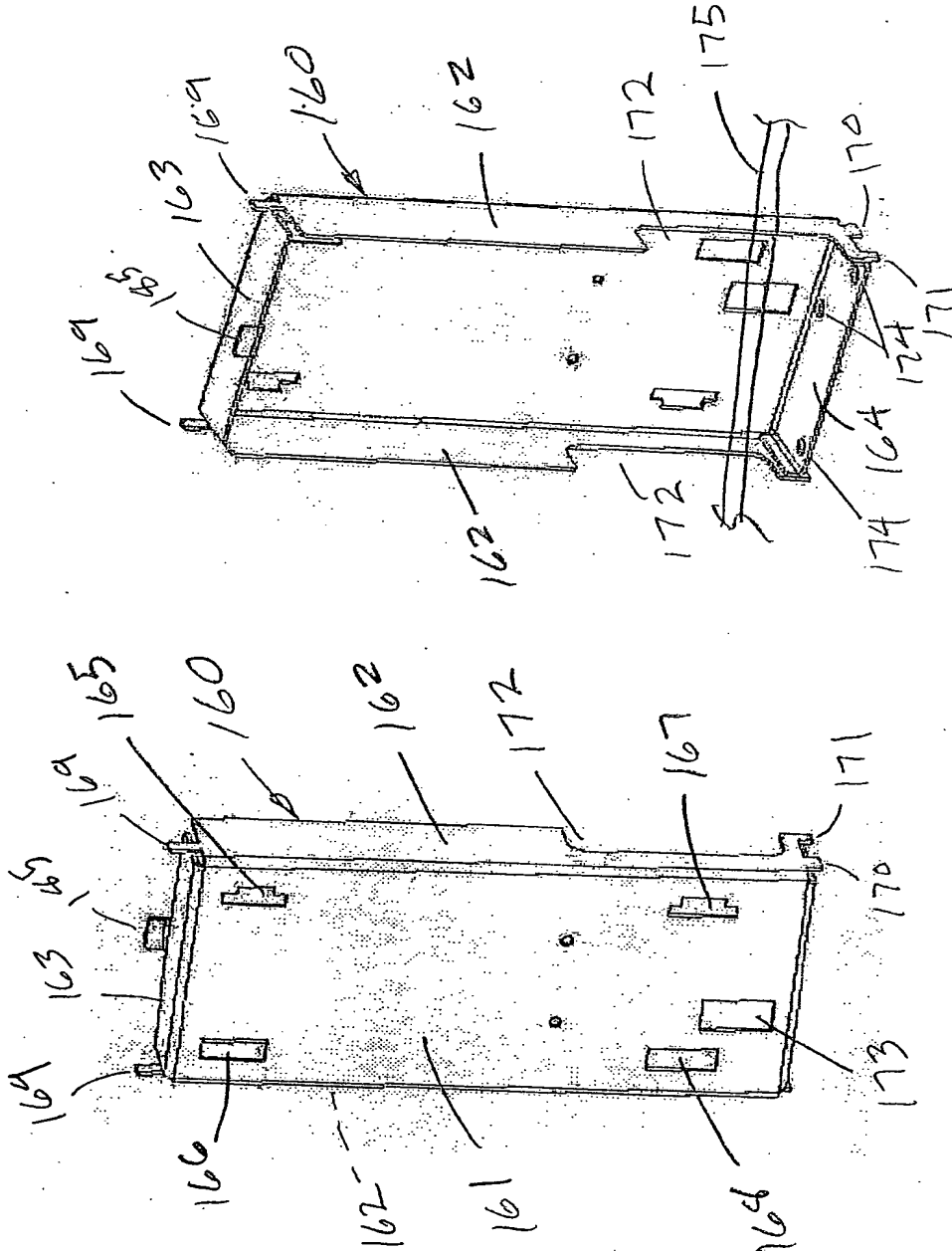


Fig. 22

Fig. 23

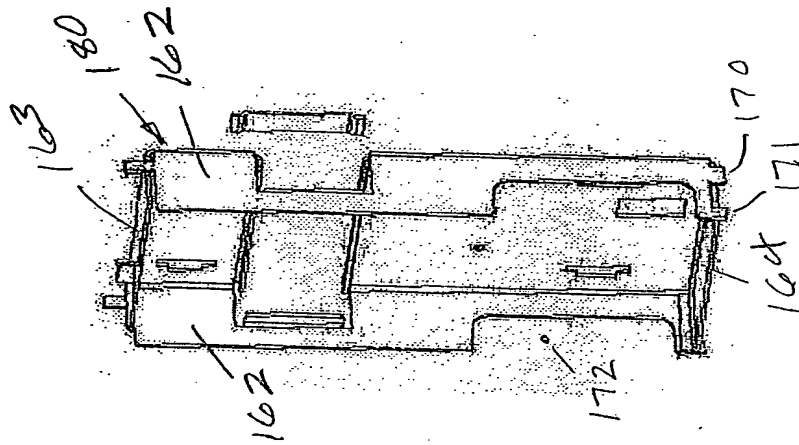


Fig. 26

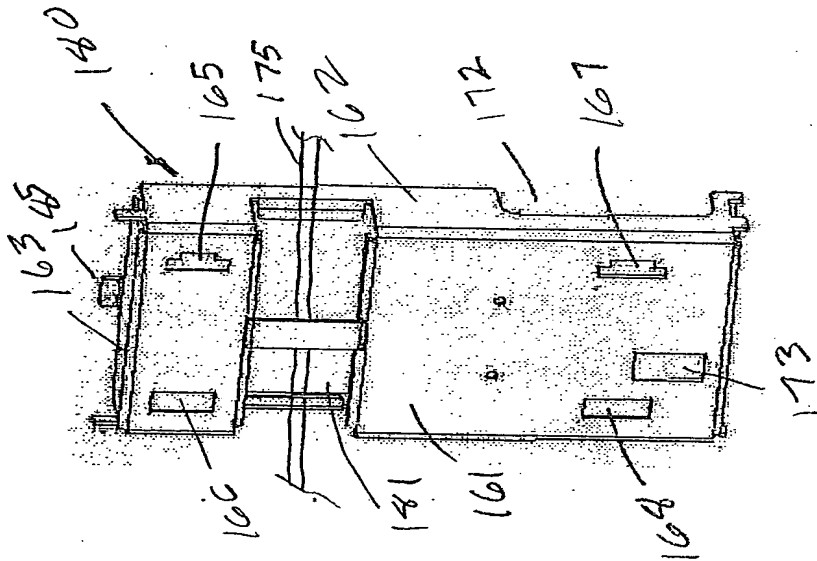


Fig. 25

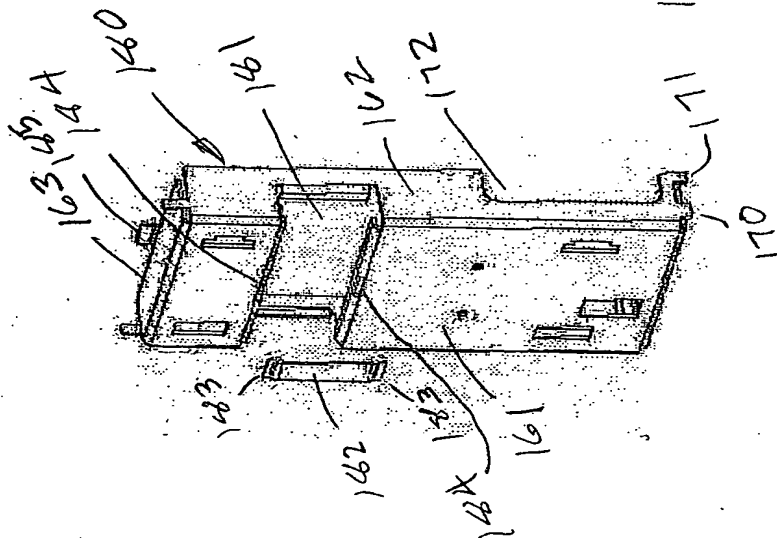


Fig. 24

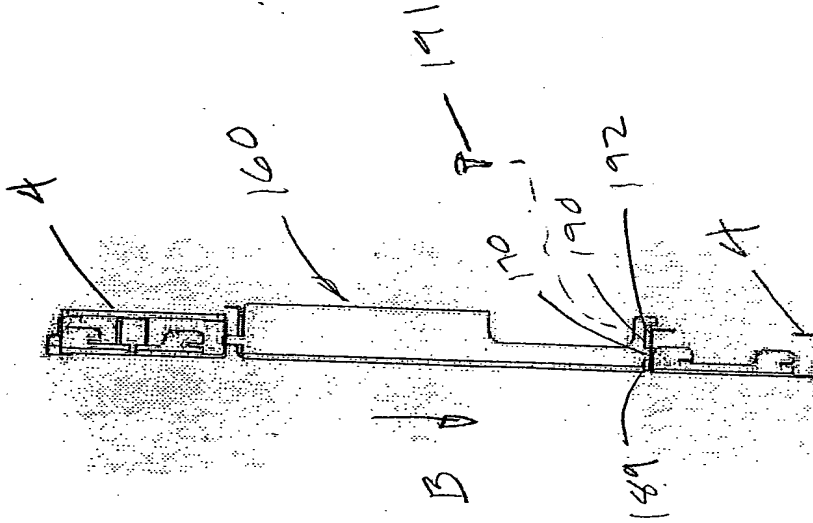


Fig. 28

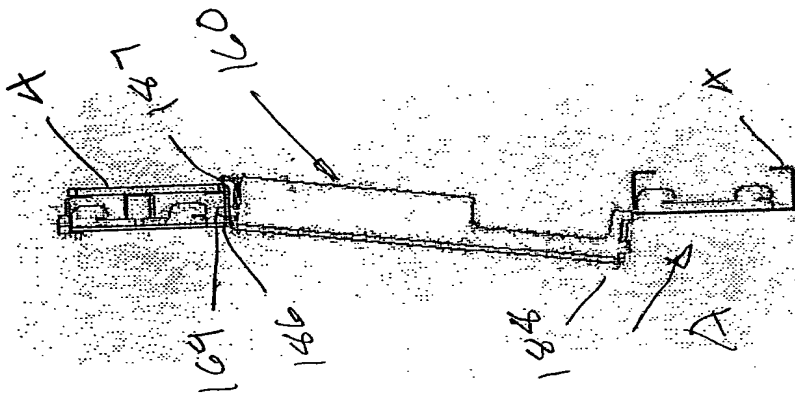


Fig. 27

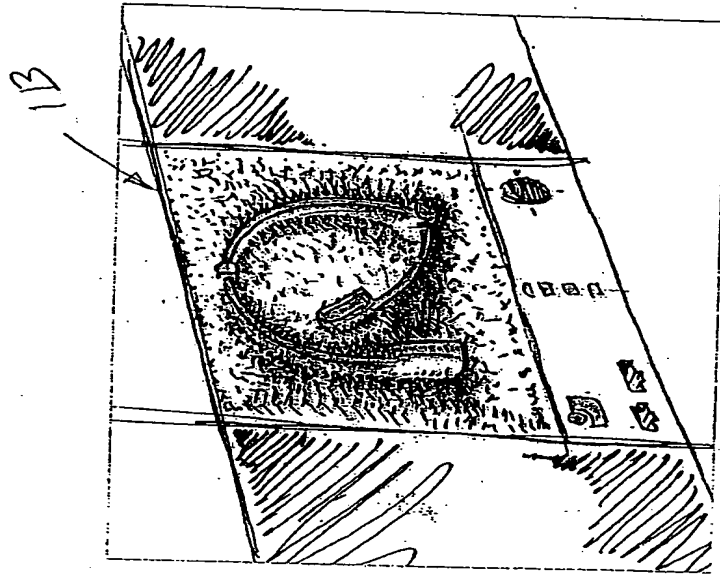


Fig. 1B

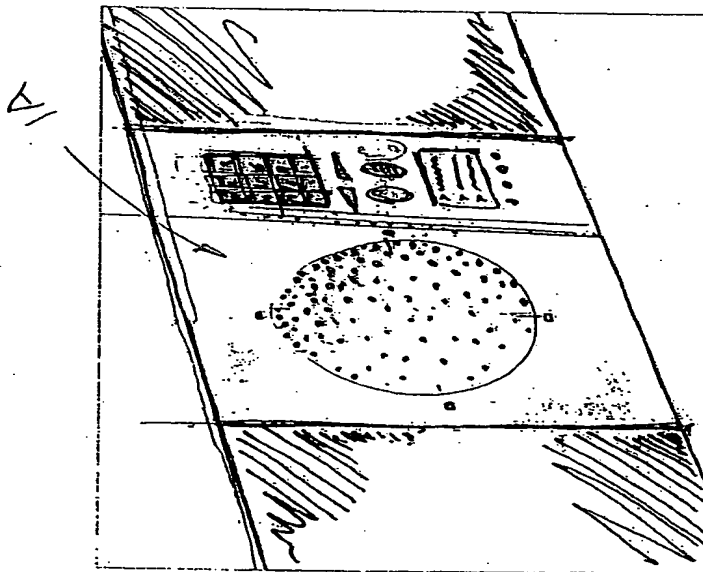


Fig. 1A

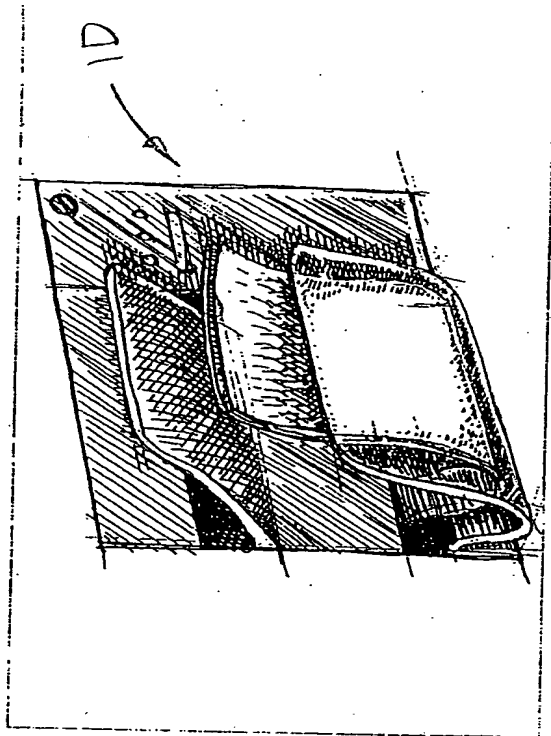


Fig. 1D

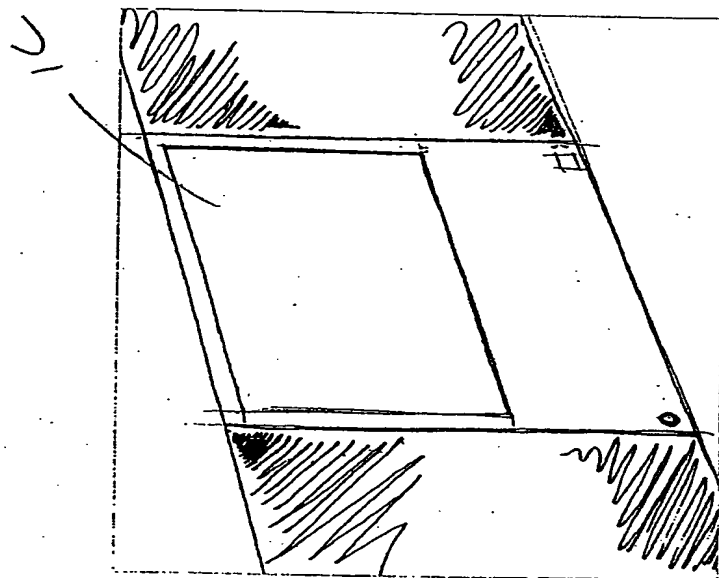


Fig. 1C

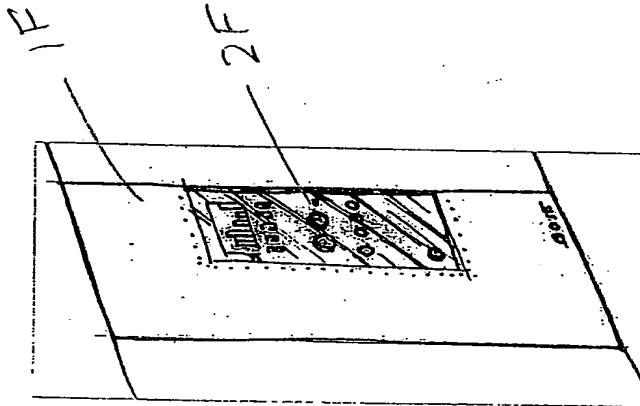


Fig. 1F

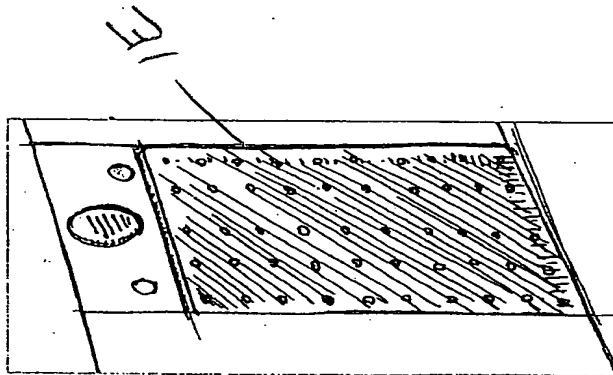


Fig. 1E

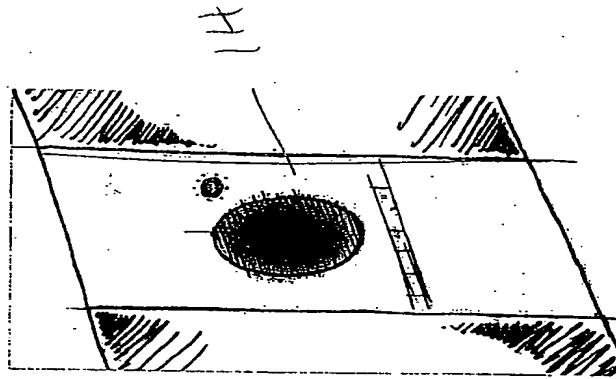


Fig. 14

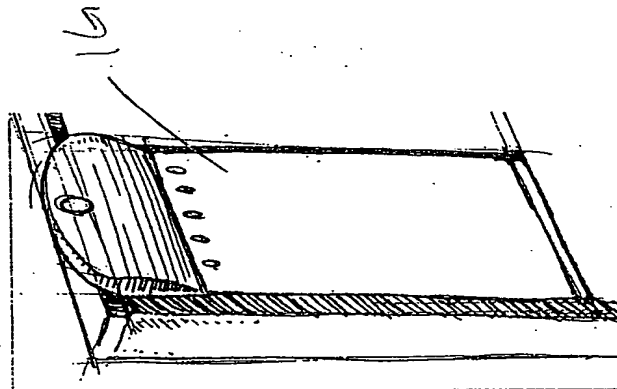


Fig. 15

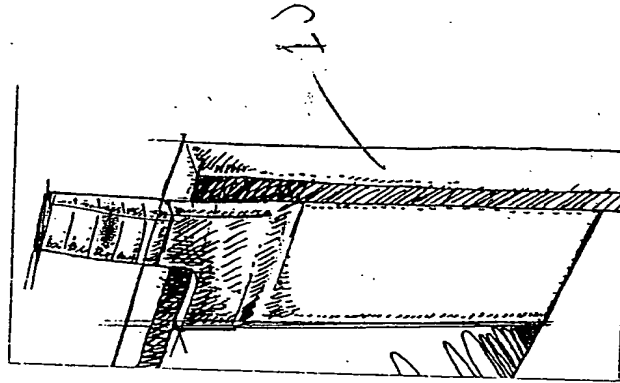


Fig. 1 J

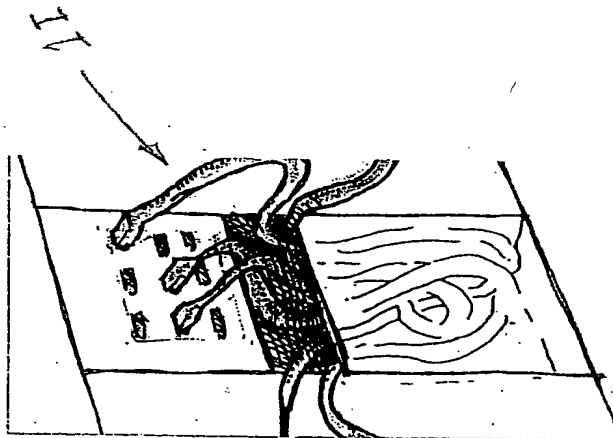


Fig. 1 I

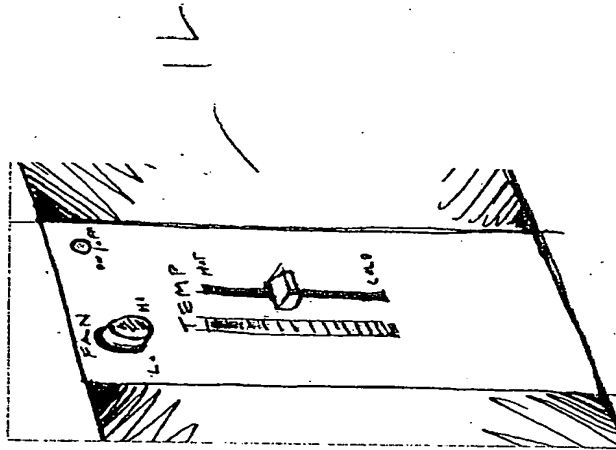


Fig. 12

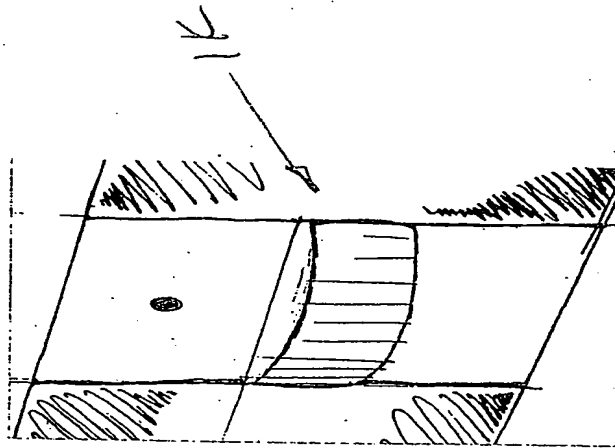
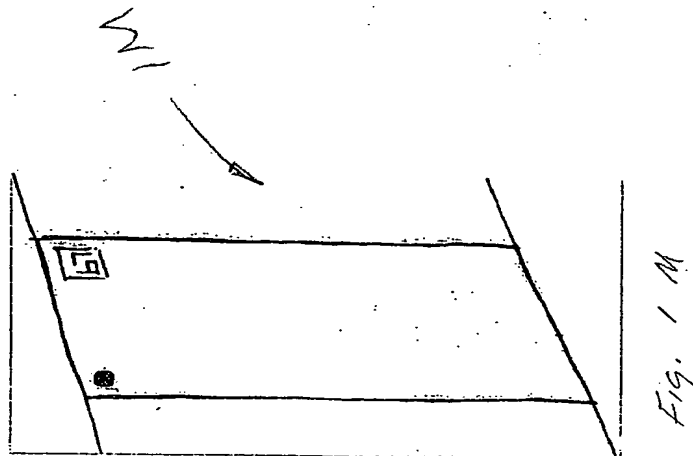
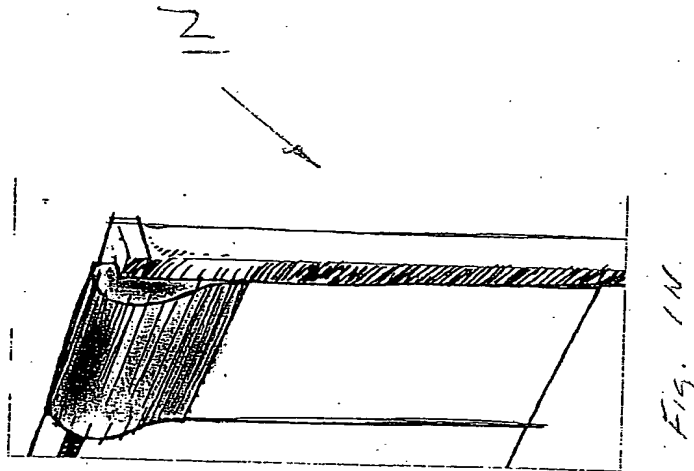


Fig. 13



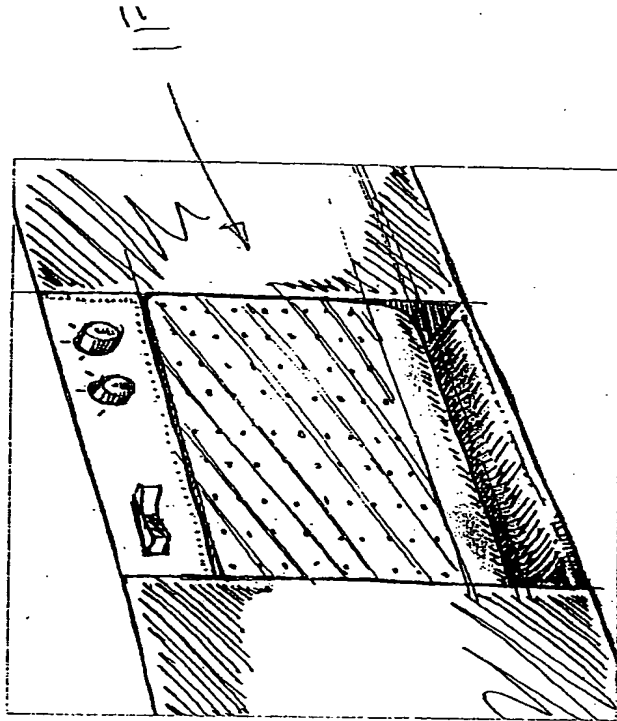


Fig. 1P

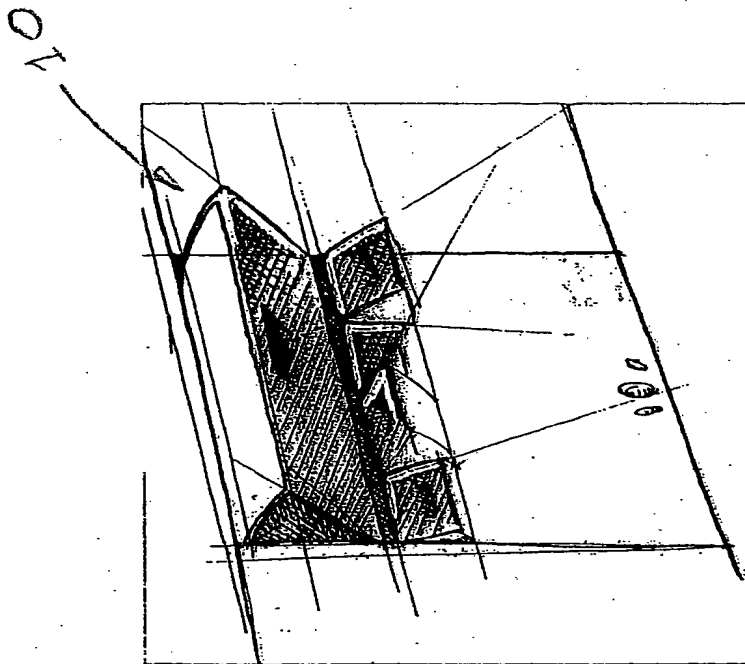


Fig. 10

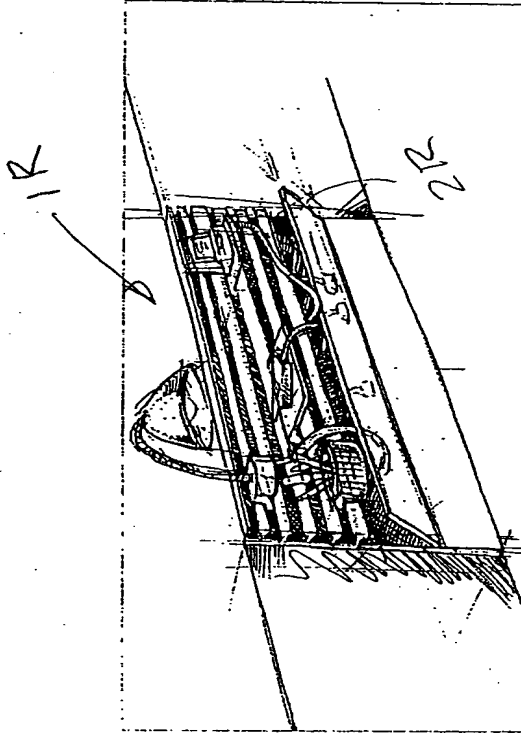


Fig. 18

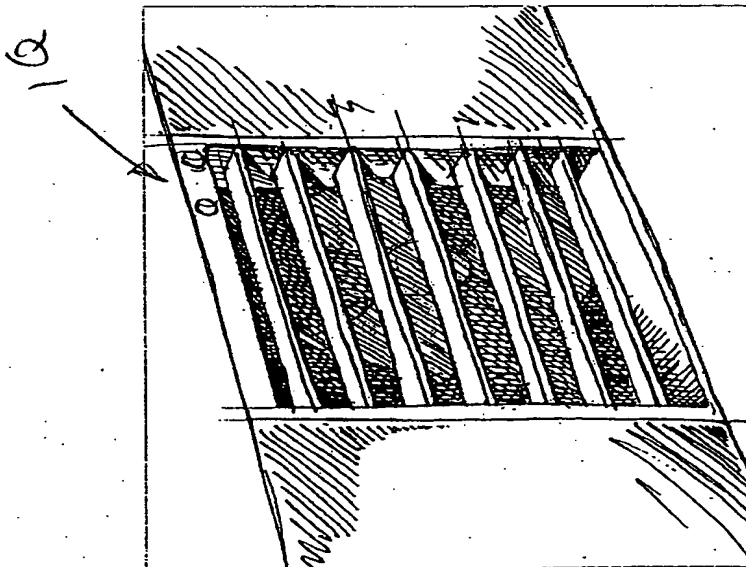
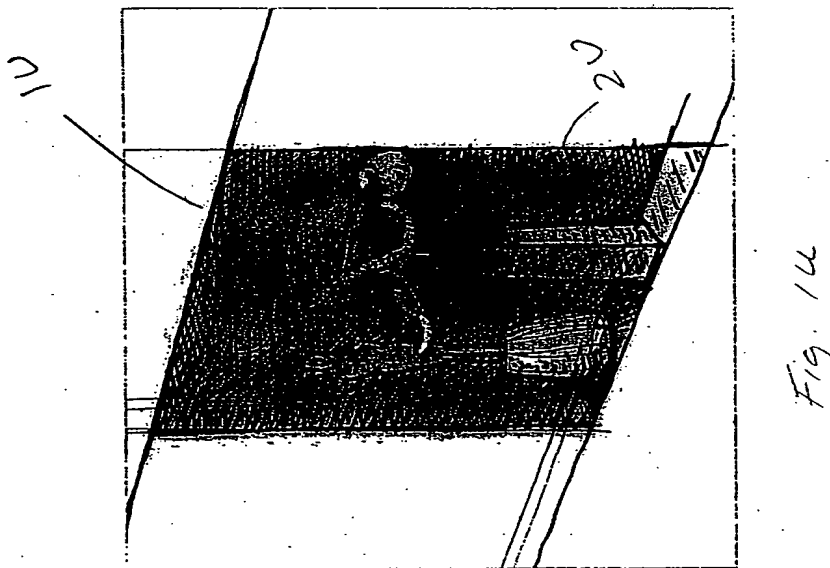
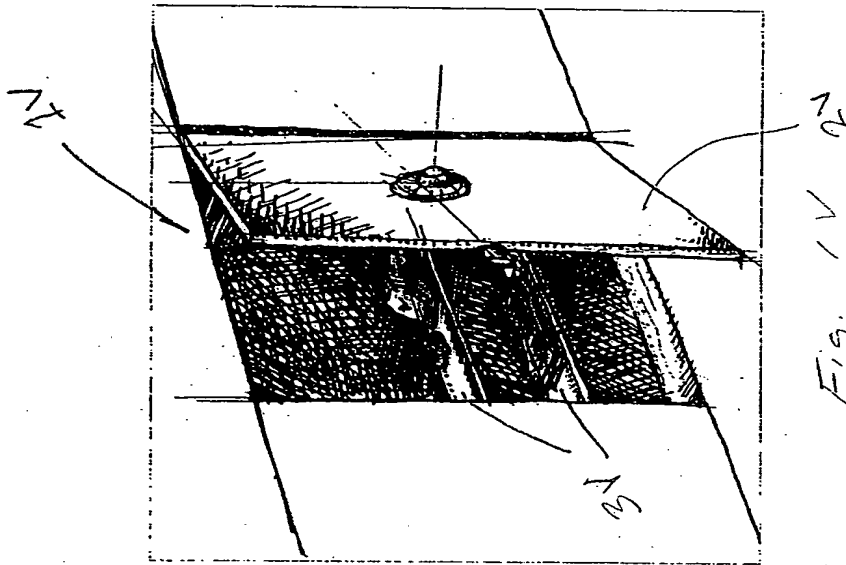


Fig. 19





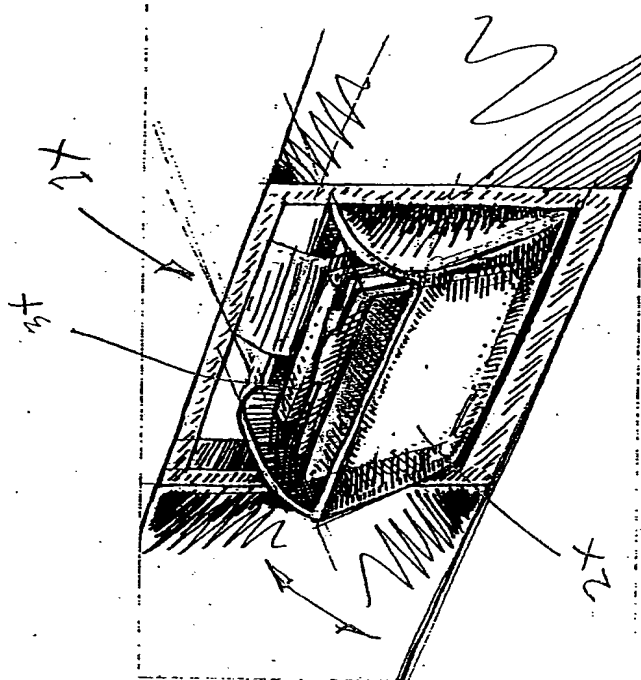


Fig. 1X

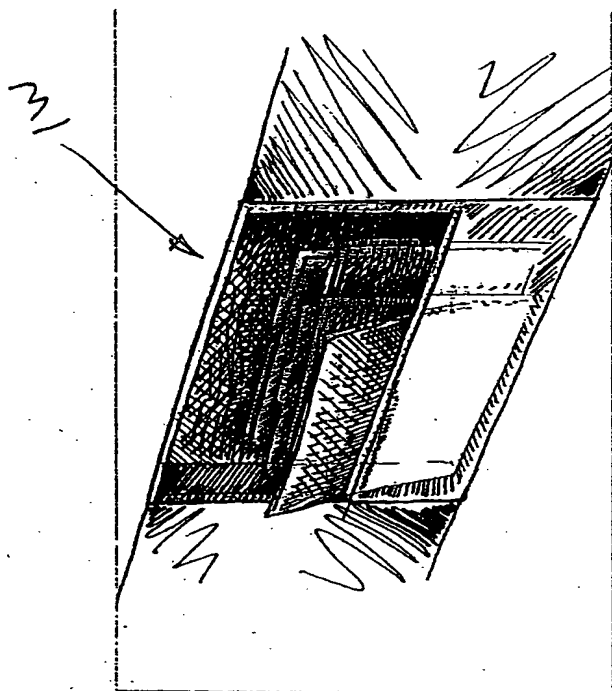
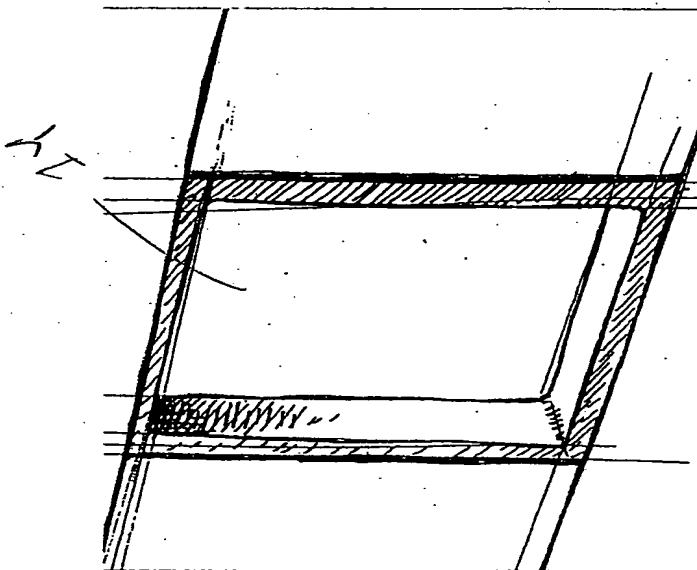
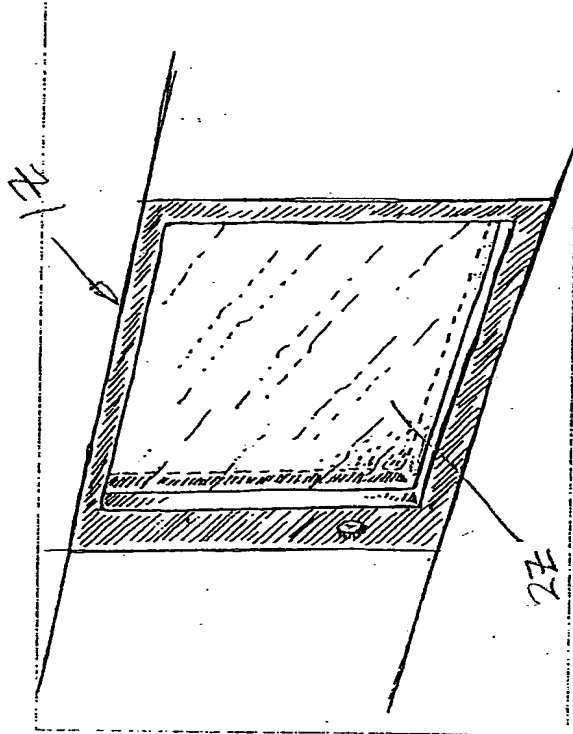


Fig. 1W



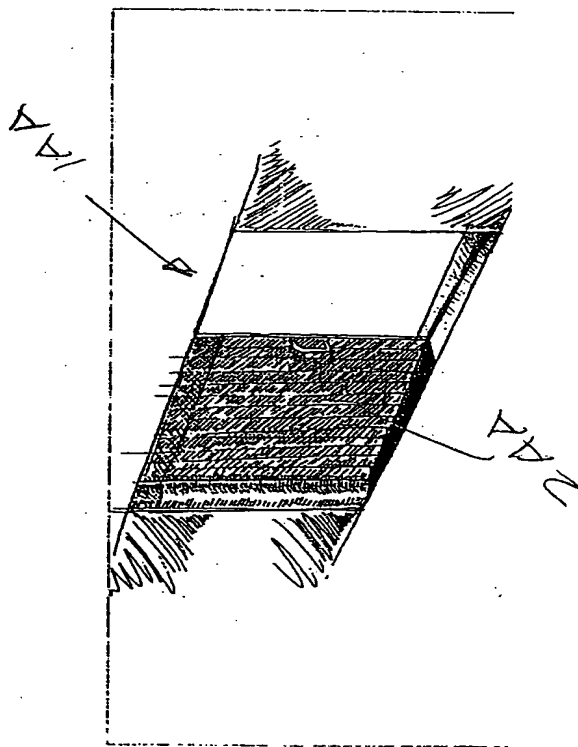


Fig. 1AA

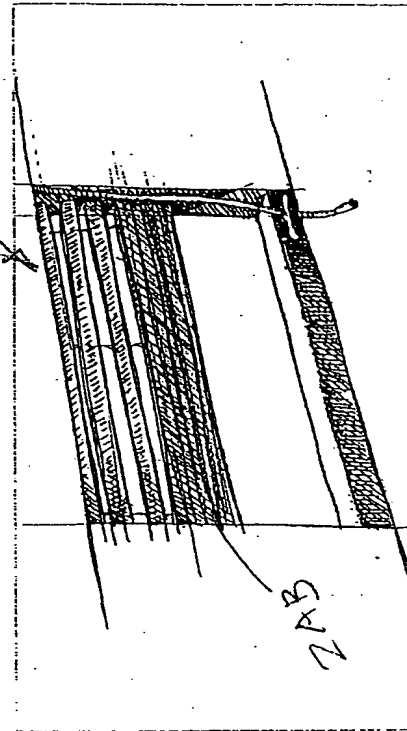


Fig. 1AB

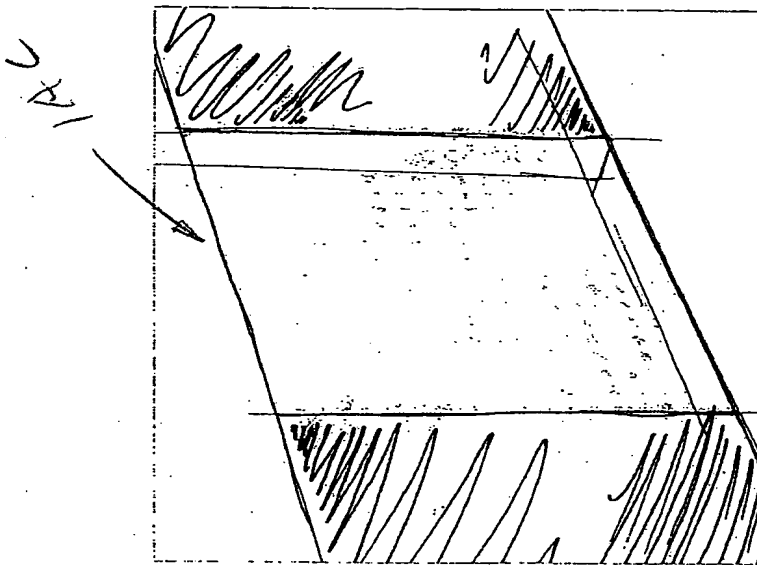


Fig. 1A2

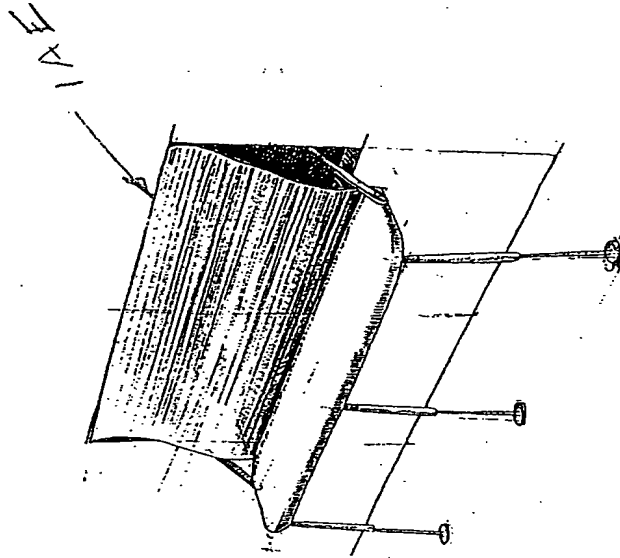


Fig. 1AE

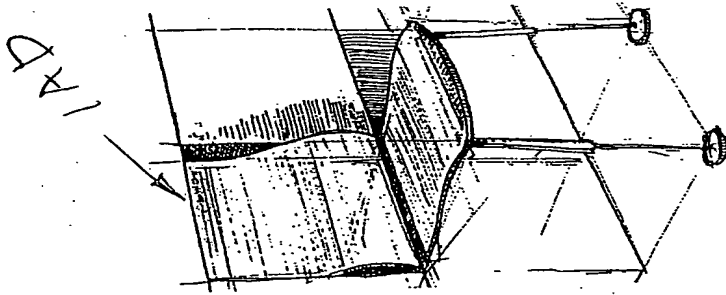
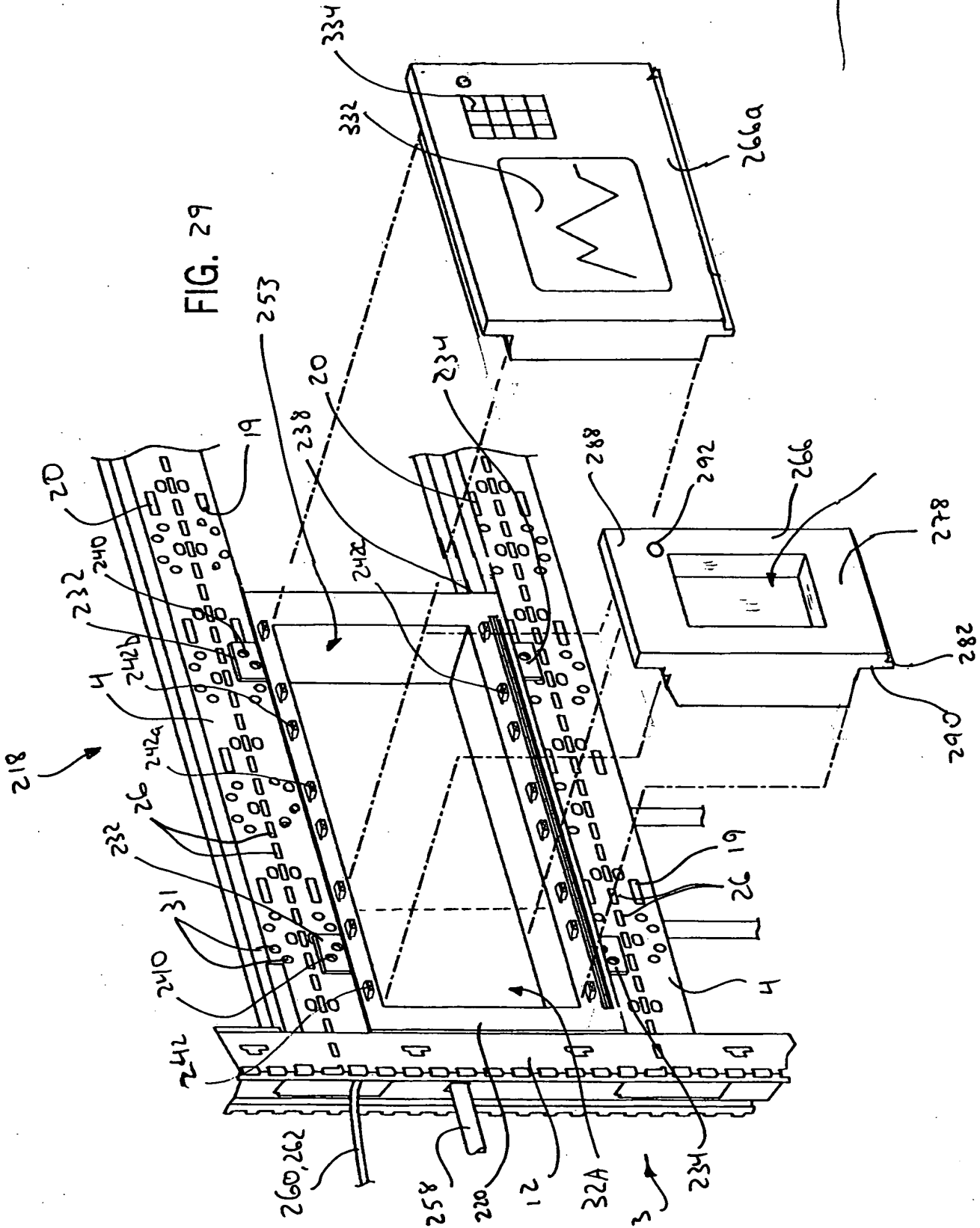
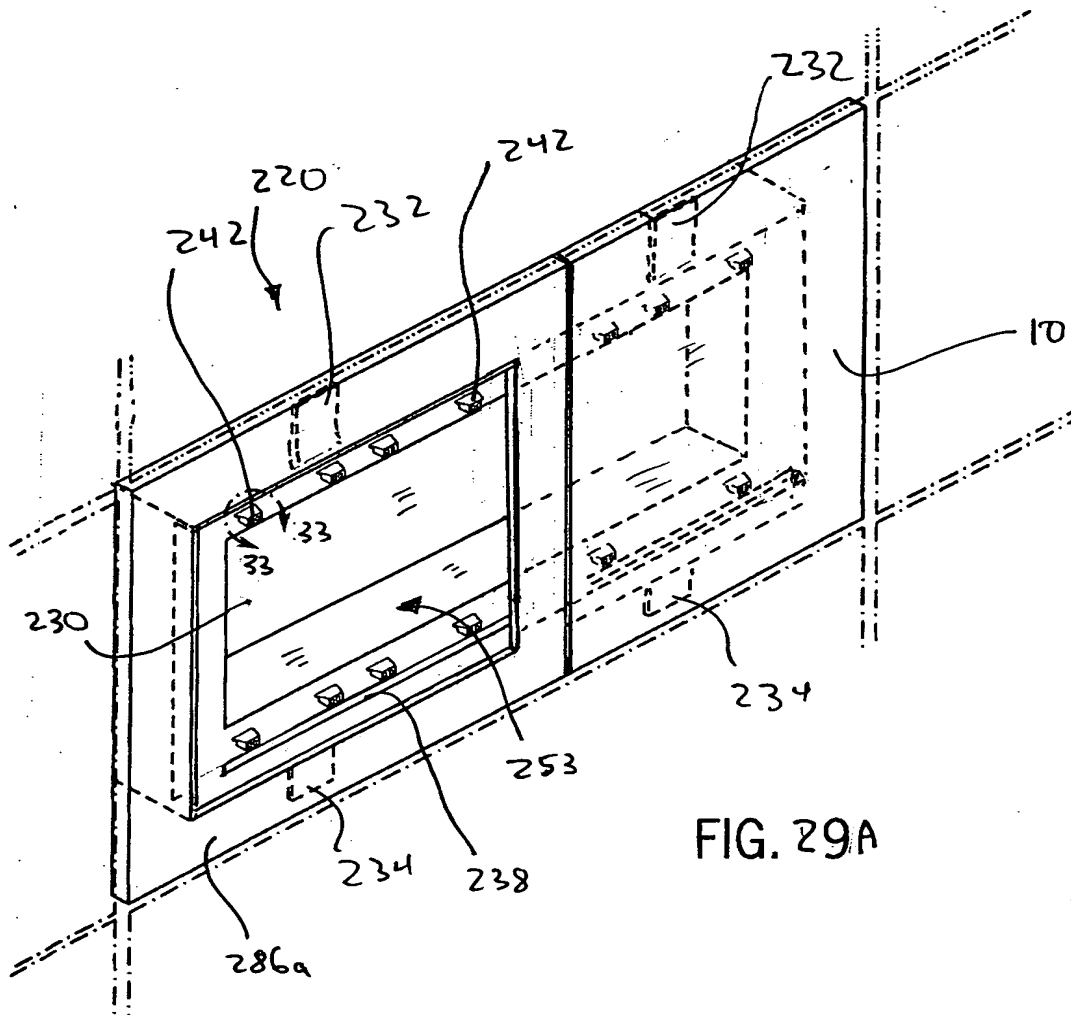
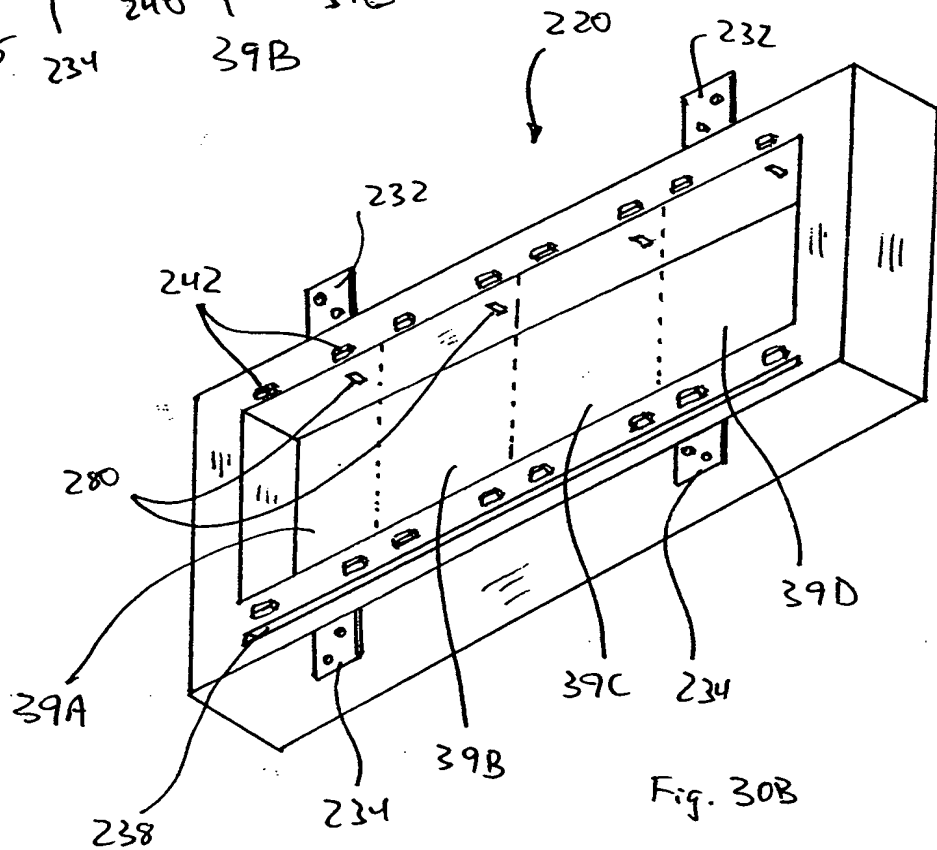
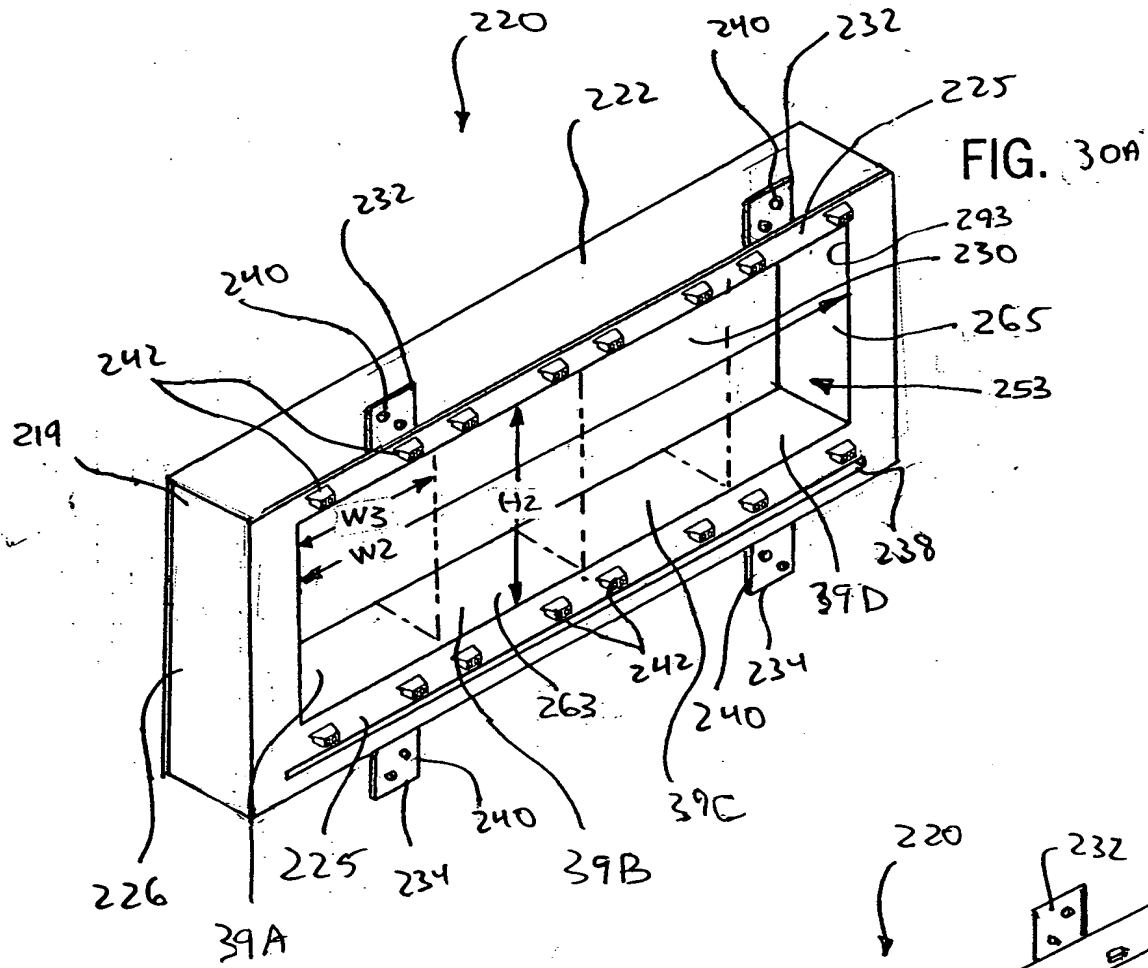


Fig. 1AD

FIG. 29







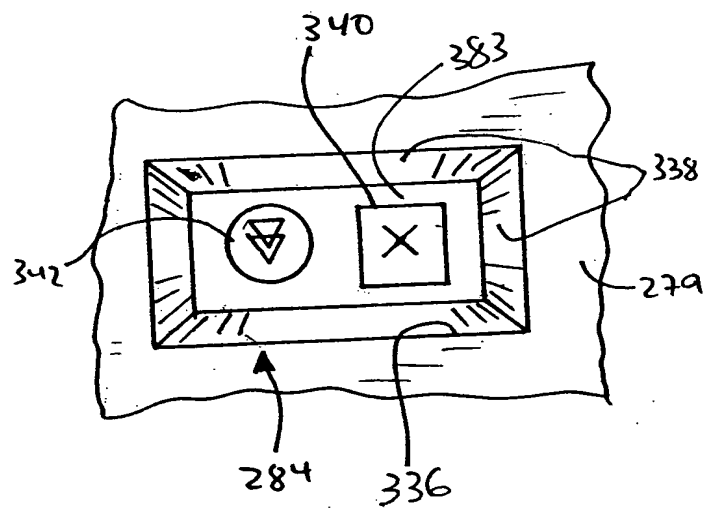
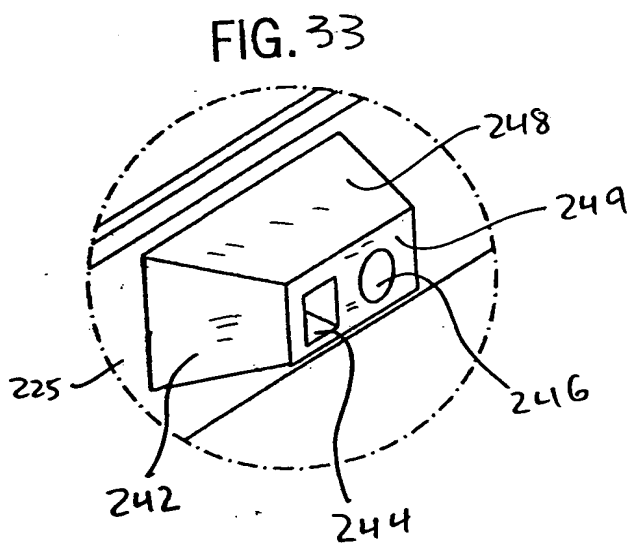
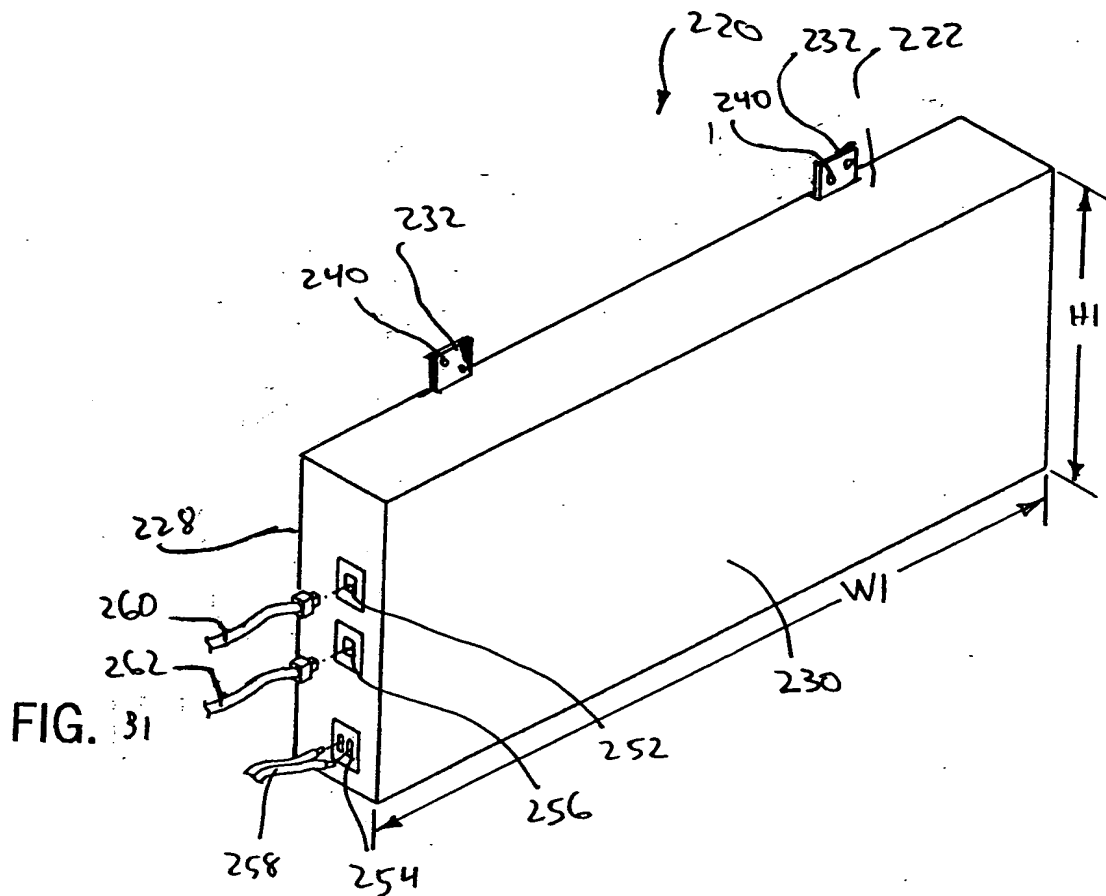
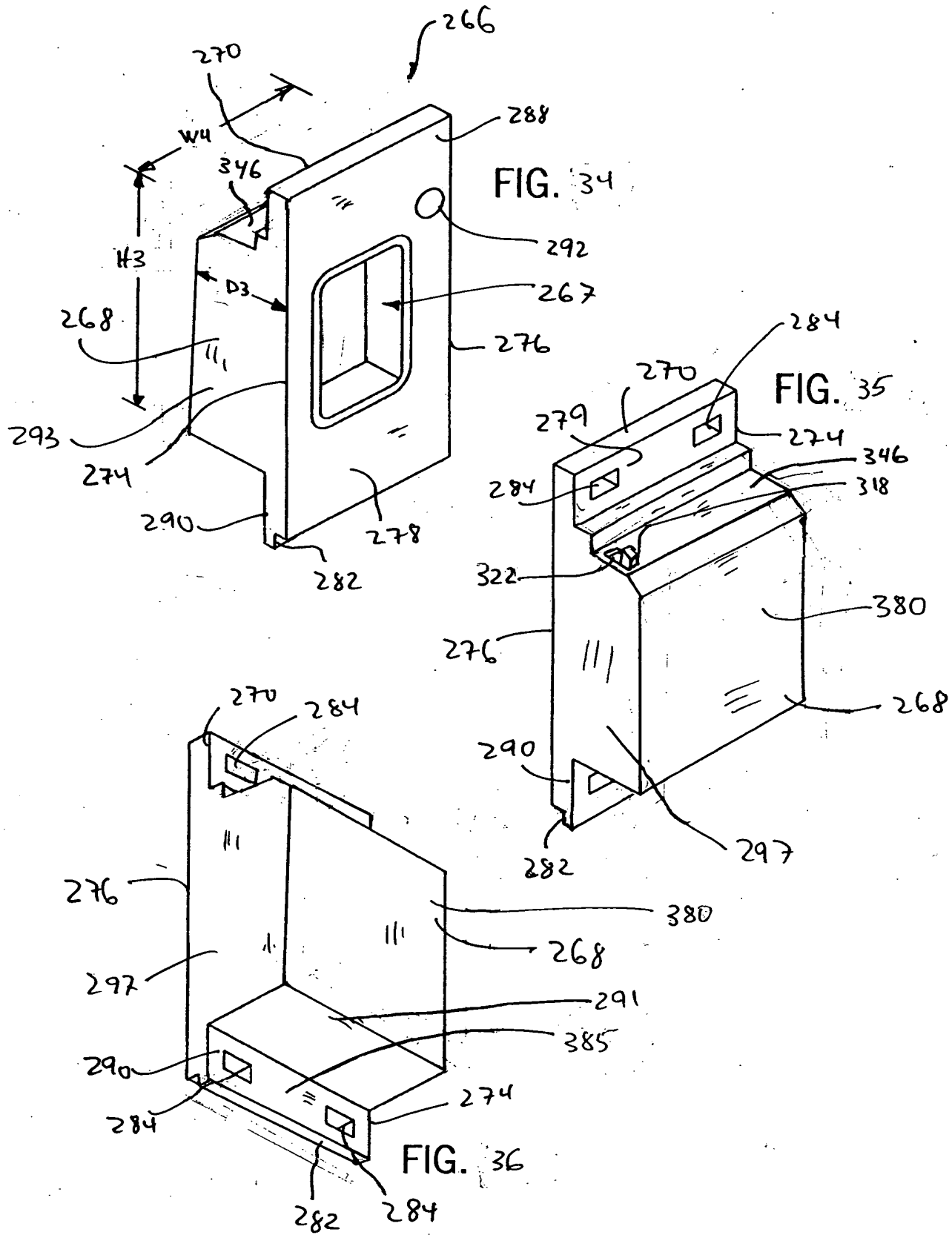


Fig. 34





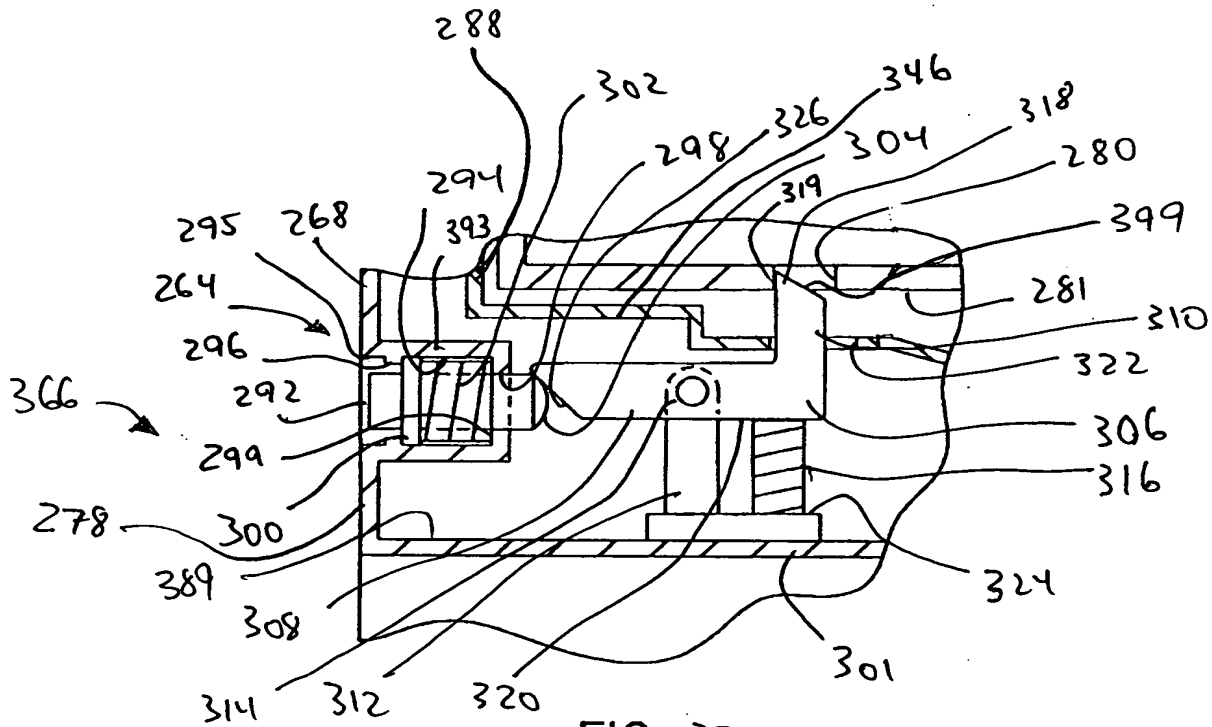


FIG. 37

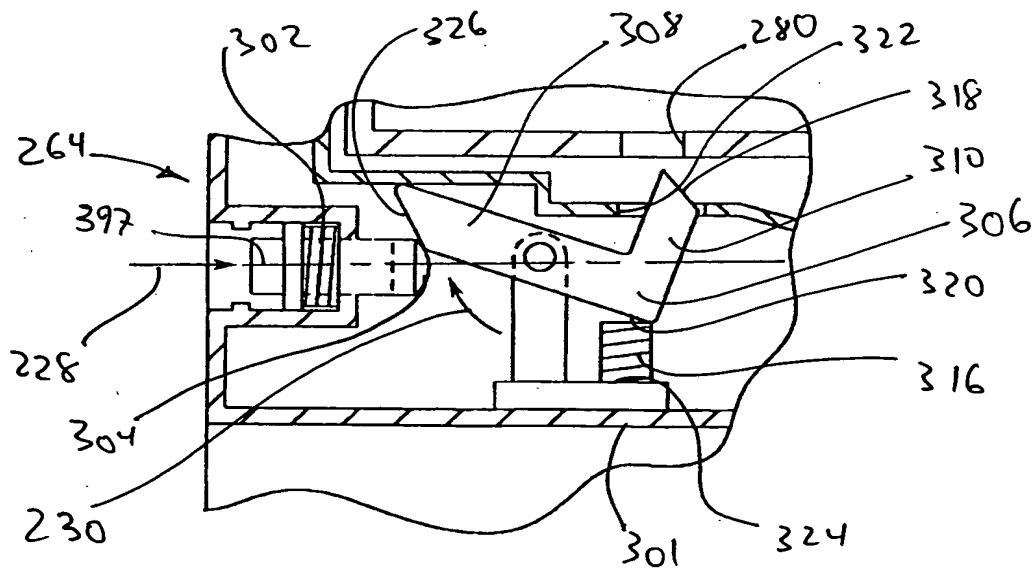
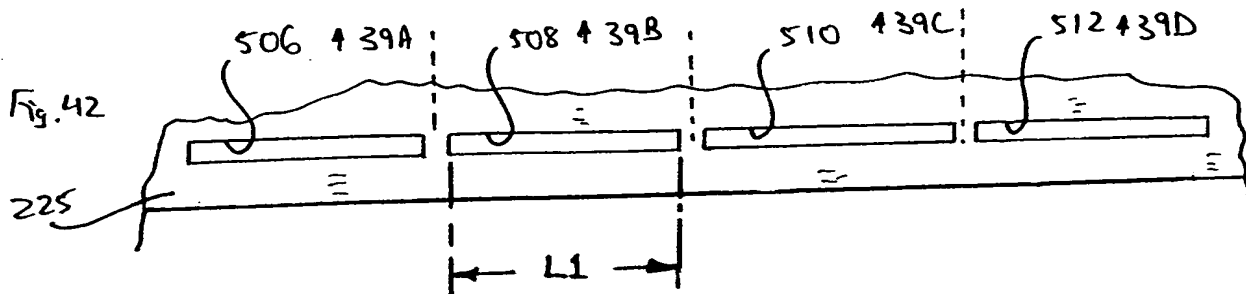
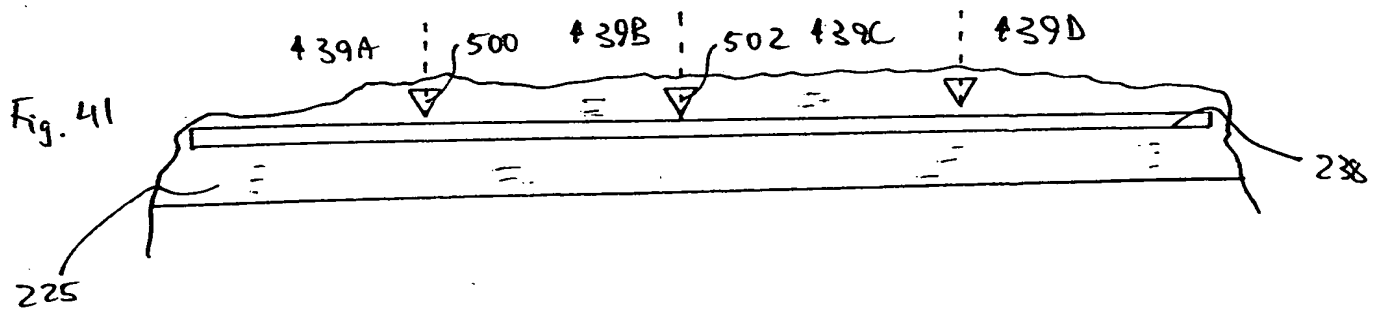
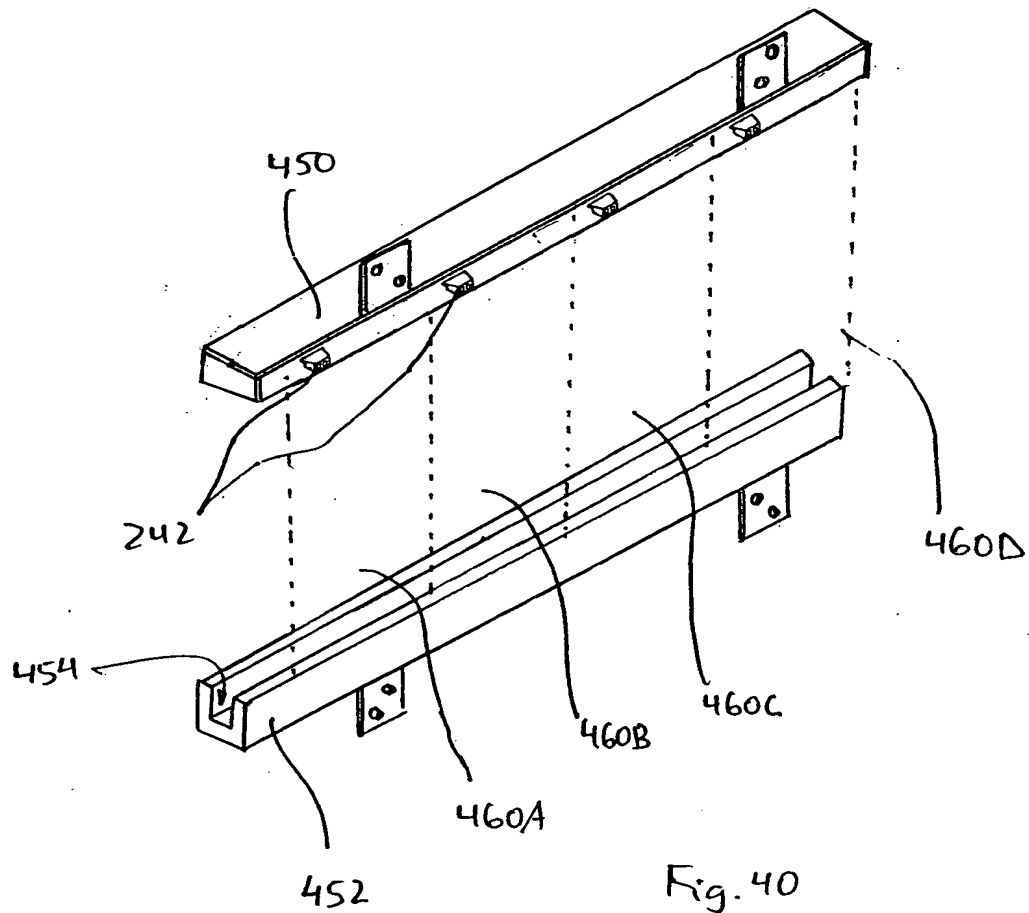


FIG. 38



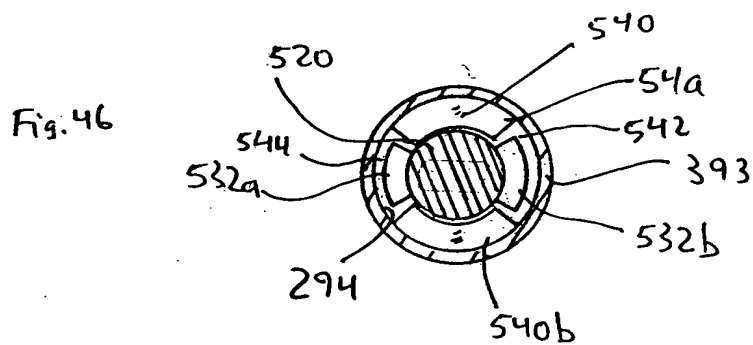
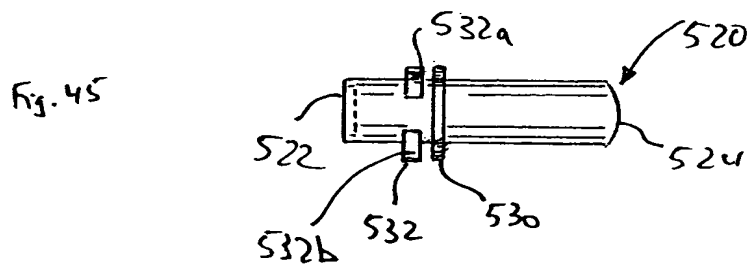
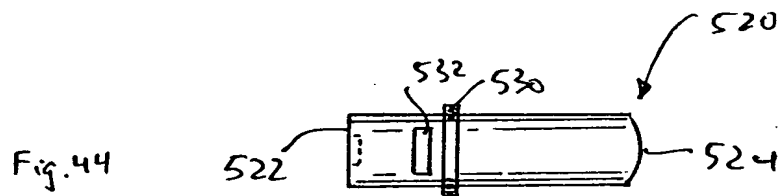
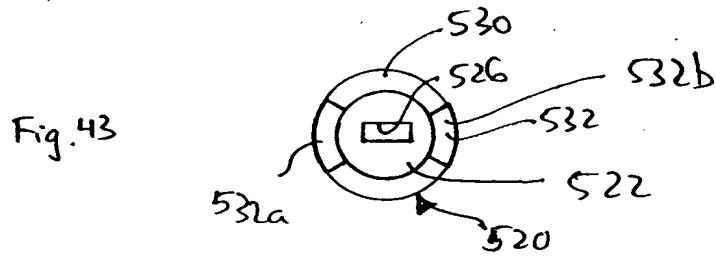


Fig. 47A

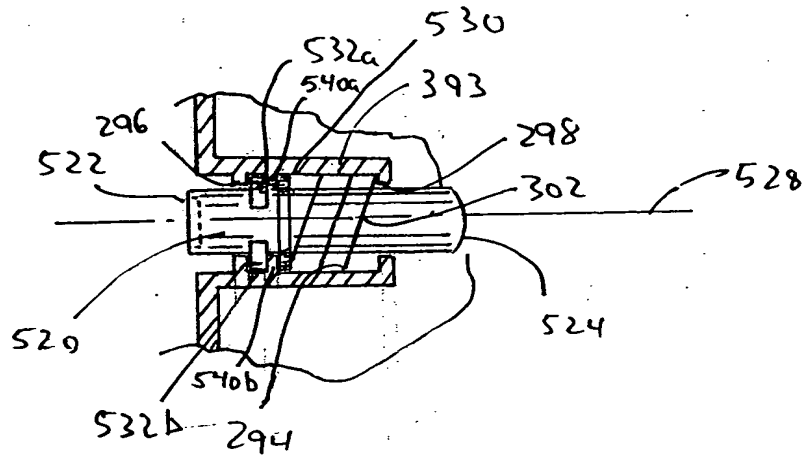


Fig. 47B

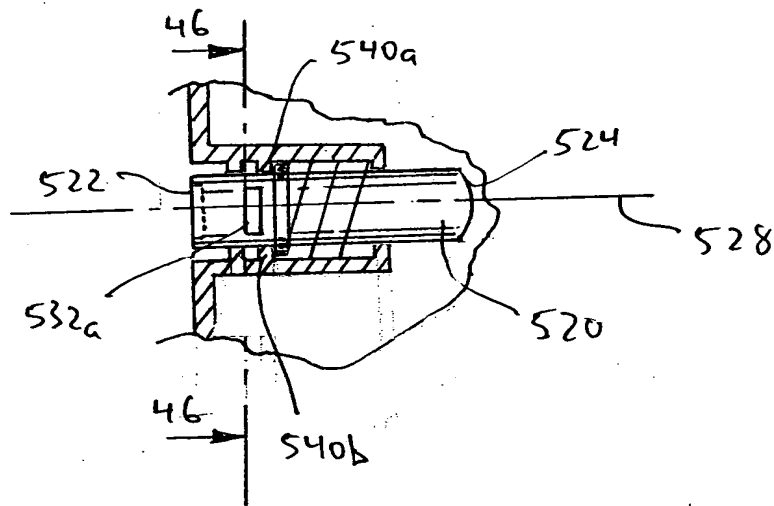


Fig. 47C

